

**American Heart Association
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MICHIGAN

Abshire, Elizabeth BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** The Molecular Basis for Regulation of Obesity by Nocturnin, a Human 3'5' Exoribonuclease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Adar, Sara ScD, MHSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Neighborhood Noise as a Modifiable Risk Factor for Incident Hypertension: Evidence from Two Cohort Studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,434

MICHIGAN

Adefeso, Omolola PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Deformable hydrogel particles for delivery of targeted nanoparticles to vascular wall in CAD **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MICHIGAN

Bauer, Katherine PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Restrictive Feeding, Eating Behavior, and Obesity Among Children **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MICHIGAN

Buller, Benjamin BSE, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** SRF promotes white matter remodeling after stroke **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Chapp, Andrew BS, BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Michigan Technological University, Houghton **City:** Houghton **Project Title:** Acetate as an Active Metabolite of Ethanol: Neural and Cardiovascular Implications **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Chung, Charles PhD,BS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wayne State University **City:** Detroit **Project Title:** Mechanisms of Diastolic Relaxation in Normal and Diseased Hearts **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Cleuren, Audrey PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** In vivo transcriptional profiling of endothelial cells in health and disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

MICHIGAN

Cockburn, Darrell BSC,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Developing resistant starch as an individualized intervention to prevent cardiovascular disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MICHIGAN

Day, Sharlene MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Disruption of Proteostasis in Hypertrophic Cardiomyopathy Caused by Truncating Mutations in Myosin Binding Protein C **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MICHIGAN

DeJesus, Jasmine BA,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Maternal Social Modeling and Infant Social Engagement During Feeding as Predictors of Weight Gain **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

MICHIGAN

Diaz-Otero, Janice BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Michigan State University **City:** East Lansing **Project Title:** The effects of endothelial mineralocorticoid receptors in cerebral artery remodeling and endothelial injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

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Else, Tobias MD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Autoimmunity as a cause of primary aldosteronism(PA) **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Fan, Yanbo MD, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Protective role of KLF11 in diabetic vascular lesion formation **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Guo, Yanhong MD, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** KLF14 induces atherosclerosis regression by enhancing reverse cholesterol transport **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Hammer, Neal PhD, MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Michigan State University **City:** East Lansing **Project Title:** Defining the factors that impact the respiratory activity of Staphylococcus aureus **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MICHIGAN

Hattangady, Namita BS, MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Definition of genetic causes of primary aldosteronism in patients with bilateral adrenal hormone secretion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MICHIGAN

Huereca, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Wayne State University **City:** Detroit **Project Title:** Activity Dependent Changes in Functional and Morphological Characteristics Among Presympathetic Neurons of the RVLM **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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MICHIGAN

Jaykumar, Ankita Bachhawat BS, MSc

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Wayne State University **City:** Detroit **Project Title:** Role of ALMS1 in NKCC2 endocytosis and NaCl reabsorption in the thick ascending limb **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Jinka, Tulasi DVM, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Mechanistic Strategies for Optimizing Post-Cardiac Arrest Targeted Temperature Management **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,429

MICHIGAN

Kabil, Omer BSC, MSc

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Regulation of hydrogen sulfide biogenesis in response to ER stress **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Kalifa, Jerome BS, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Cardiac Nerve-specific Photodynamic Mapping and Ablation for Cardiac Arrhythmias **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MICHIGAN

Kalita, Cynthia BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Wayne State University **City:** Detroit **Project Title:** Deciphering functional mechanisms for non-coding genetic variants associated with CVD **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Kim, Dong-il PhD, DVM

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Regulation of thermogenesis in subcutaneous fat cells: Crosstalk between PRMT1 and PKA **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

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MICHIGAN

Kuai, Rui MS,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** The use of synthetic high density lipoproteins as carriers to regulate PCSK9 for LDL management **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Lee, Lik Chuan PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Michigan State University **City:** East Lansing **Project Title:** Quantifying regional ventricular mechanics in patients with pulmonary hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MICHIGAN

liu, zhongwu PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** Subacute neurorestorative intranasal tPA treatment for stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MICHIGAN

Lu, Haocheng MD

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** The protective role of Transcription Factor EB in atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Luca, Francesca PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wayne State University **City:** Detroit **Project Title:** Functional genomics characterization of genetic variation associated with cardiovascular disease **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Lumeng, Julie MD

Program Type: Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Mechanisms Linking Stress and Obesity in Early Childhood **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$399,843

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MICHIGAN

Mendez, Mariela PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** Renin release: Novel Mechanisms of Regulation. **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Meng, Zhuoxian MD, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Regulation of cholesterol homeostasis and atherosclerosis by hepatic chromatin remodeling factor Baf60a **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Michele, Daniel PhD

Program Type: Undergraduate fellowship **Funding Source:** Association Wide **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Frankel Cardiovascular Center Summer Undergraduate Fellowship Program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

MICHIGAN

Mueller, Patrick BA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Wayne State University **City:** Detroit **Project Title:** Physical Inactivity and Enhanced Sympathoexcitation: Role of Structural and Functional Neuroplasticity in the RVLM **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MICHIGAN

Mui, Ryan BS, MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Michigan State University **City:** East Lansing **Project Title:** Inflammation-induced sympathetic neurotransmission dysfunction in salt-sensitive and obesity-associated hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Neumar, Robert MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Optimizing Extracorporeal Cardiopulmonary Resuscitation (ECPR) for Refractory Cardiac Arrest **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$139,472

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MICHIGAN

Omata, Kei MD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Defining precision medicine opportunities in idiopathic hyperaldosteronism. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$114,400

MICHIGAN

Oostema, John BS,MD

Program Type: Mentored Clinical and Population Research Program **Funding Source:** Midwest Affiliate **Institution:** Michigan State University **City:** East Lansing **Project Title:** The Grand Rapids Area Prehospital Stroke (GRAPHS) Registry: A Surveillance System to Improve Prehospital Stroke Care **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$149,806

MICHIGAN

Ortiz, Pablo PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** Regulation of NKCC2 by a novel kinase: TNIK **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MICHIGAN

Palaniyandi, Suresh PhD,MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** Aldehyde dehydrogenase 2 activation ameliorates damage in the post-infarcted diabetic heart **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Pedde, Meredith BA,MPA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Long-Term Coarse Particulate Matter Exposure as a Risk Factor for Cardiovascular Disease: Evidence from MESA **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Penke, Loka Raghu Kumar BSc,MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** FOXM1-mediated growth factor signaling: role in tissue fibrosis and regulation by cyclic AMP **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

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MICHIGAN

Phan, Hoa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Michigan State University **City:** East Lansing **Project Title:** EFFECTS OF HUMAN RGS2 PROTEIN MUTATION IN CARDIOVASCULAR DISEASE **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Schultz, Aric BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Molecular Mechanisms of Egress in Toxoplasma gondii **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Sjogren, Benita MSc,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Michigan State University **City:** East Lansing **Project Title:** Targeting molecular mechanisms of RGS2 protein degradation for novel cardiovascular therapeutics. **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Song, Jianrui MA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Regulation of myeloid cell phenotypes by the mineralocorticoid receptor during stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Sonneville, Kendrin ScD,RD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Childhood predictors of disinhibited eating during pre-adolescence **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

MICHIGAN

Sukovich, Jonathan BS,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Novel Ultrasonic Technology to Treatment Intracranial Hemorrhagic

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Stroke **Award StartDate:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

MICHIGAN

Taylor, Matthew BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** The use of DREADD Technology to define the role of Gq signaling in adrenal aldosterone production **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Tian, Fangyun BS,MPH

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Corticocardiac Coupling in Ischemic Stroke-Induced Sudden Death **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Uchida, Keita BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** T-tubule remodeling by acute cell volume changes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MICHIGAN

Venkat, Poornima BS,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** miR-145/ABCA1 mediates MSC-Exosome treatment induced neurorestorative effects in T2DM stroke mice **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MICHIGAN

Wang, Jie-Mei MD,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wayne State University **City:** Detroit **Project Title:** MicroRNA regulation of endothelial progenitor cell apoptosis in diabetic wound healing **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MICHIGAN

Weinberg, Jason MD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan Medical Center **City:** Ann Arbor **Project Title:** Immunoproteasome Contributions to Adenovirus Pathogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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MICHIGAN

Yokom, Adam BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Structural Characterization of Neuronal Nitric Oxide Synthase by Electron Microscopy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MICHIGAN

Yuan, Wenmin BS,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Synthetic HDL-mediated atheroma targeted delivery of LXR agonists for regression of atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

MICHIGAN

Zhang, Ou PhD,BS

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Michigan **City:** Ann Arbor **Project Title:** Molecular Basis for Cytolytic Egress by Toxoplasma gondii **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

MICHIGAN

Zhang, Yi PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Henry Ford Health System **City:** Detroit **Project Title:** Exosomes derived from mesenchymal stromal cells promote axonal growth after stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MICHIGAN

Arani, Arvin BS,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** High-Resolution, Free-Breathing Cardiac MR Elastography **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

MINNESOTA

Ata, Hirotaka BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Heart-specific gene knock-out zebrafish generation as a platform for future large scale drug repositioning studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

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MINNESOTA

Austin, Susan BA,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Endothelial nitric oxide modulation of microglial phenotype in relation to Alzheimer's disease **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Baker, Jason MD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide **Institution:** Minneapolis Medical Research Foundation **City:** Minneapolis **Project Title:** HIV-associated Myocardial Fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,807

MINNESOTA

Becari Ribeiro, Christiane PharmD,MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Role of the Adipose Tissue Renin-Angiotensin System in Obstructive Sleep Apnea. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$120,544

MINNESOTA

Britt, Rodney PhD,BS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Vitamin D Modulates Airway Contractility and Remodeling in Asthma **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MINNESOTA

Cannone, Valentina MD,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Hypertension in Metabolic Syndrome: Natriuretic Peptide-Based Therapy and Pharmacogenetics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MINNESOTA

Chahal, Anwar BSC,MB ChB

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** The role of genetic factors and neural circulatory control in sudden unexpected death in epilepsy (SUDEP). **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$120,800

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MINNESOTA

Chen, Yingjie MD PhD, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Effect of eIF4E3 on congestive heart failure development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MINNESOTA

Chen, Xiaoli PhD, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Protective role of Pentraxin 3 in adipose tissue inflammation and metabolic stress **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,917

MINNESOTA

Chen, Yang BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** BUNP: a novel diuretic for heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MINNESOTA

Cornea, Razvan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** High-Throughput Screens to Discover Small-Molecule RyR2 Modulators for Heart Failure Therapy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MINNESOTA

Covassin, Naima BSC, MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Lowering blood pressure by sleep extension: a randomized, controlled trial **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

DeMartino, Randall MD, MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Contemporary Epidemiological Study of Incidence, Outcomes, and Resource Utilization for Acute Aortic Syndrome **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$307,925

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MINNESOTA

Ding, Yonghe PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Identifying Genetic Modifiers for Cardiomyopathy via Mutagenesis Screening **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Faustino, Randolph BSC, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Nucleoporin-driven cardiogenesis: Epigenomic role of NUP155 in cardiac specification **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$214,500

MINNESOTA

Hayward, Amanda BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Molecular Basis of Polycystin-1 Mechanosensing in the Cardiovascular System **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MINNESOTA

Ichiki, Tomoko MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Co-therapy of CD-NP with LVAD Support on Renovascular Protection for End-stage HF Patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MINNESOTA

Kim, Maengjo PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** gamma2 AMPK and heart failure **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Li, Faqian PhD, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Brg1-mediated repair of oxidative DNA double strand breaks in cardiomyocytes **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

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MINNESOTA

Lu, Xinran BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** A microfluidic platform to quantify the combined effects of rheology and endothelial adhesion in sickle cell disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MINNESOTA

Matsuura, Timothy BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** The Consequence of Cardiac Arrest and Resuscitation on Mitochondrial Function and Structure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MINNESOTA

McCarthy, Megan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Structural dynamics of calmodulin in regulation of cardiac calcium release **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MINNESOTA

Moss-Taylor, Lindsay BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Genetic Analysis of TGF-Beta signaling in the control of growth during animal development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MINNESOTA

Muretta, Joseph BS, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Human Cardiac Myosin Biosensors for Heart Disease Therapeutics **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$307,992

MINNESOTA

Nelson, Sarah BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Structural effects of arrhythmia mutations on the calmodulin-RyR complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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MINNESOTA

O'Connell, Timothy PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Free fatty acid receptor 4 is required for prevention of cardiac fibrosis by eicosapentaenoic acid **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MINNESOTA

Ogle, Brenda PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Metabolic regulation of differentiation via modulation of REST **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MINNESOTA

Polonis, Katarzyna PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Adipose tissue senescence: a potential link between sleep apnea and cardiovascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

MINNESOTA

Pomerantz, William BS, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Epigenetic Roles of Bromodomains in Heart Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Rebeck, Robyn BSC, PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Role of Calmodulin Structure in Cardiac Calcium Channel Dysfunction and Therapeutics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

MINNESOTA

Ruan, Hai-Bin PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Saint Paul **City:** Saint Paul **Project Title:** O-GlcNAc signaling in hunger-promoting

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AgRP neurons controls adipose tissue browning **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018
Total Years: 4 **Total Award Amount:** \$308,000

MINNESOTA

Safarova, Maya PhD,MD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Rapid identification of familial hypercholesterolemia in electronic health records **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

MINNESOTA

SANCHEZ, Otto MD,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Use of novel engineered natriuretic peptide (cenderitide) for the treatment of peripheral arterial disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

MINNESOTA

Sangaralingham, S. Jeson PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** C-Type Natriuretic Peptide and Guanylyl Cyclase Receptor B in Cardiorenal Disease **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Thenappan, Thenappan MD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Safety and Efficacy of Beta-blockers in PAH **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

MINNESOTA

Titus, Margaret BA,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Mechanism of myosin motor-dependent filopod extension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MINNESOTA

VANITERSON, Erik PhD,MS

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Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** Peripheral Neural Mechanisms of Exercise Intolerance in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MINNESOTA

Vetter, Anthony BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Novel live cell myofilament biosensor for tracking heart performance in disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MINNESOTA

Weissgerber, Tracey BSC, MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Mayo Clinic, Rochester **City:** Rochester **Project Title:** The Vascular Glycocalyx in Normal Pregnancy and Preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MINNESOTA

Wood, David PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Self-assembly of tissue engineered vasculature in vitro **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Yao, Yao BS, MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Pericytic laminin regulates pericyte differentiation and blood vessel integrity in the brain **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MINNESOTA

Zimmer, Sara BS, BS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Minnesota, Minneapolis **City:** Minneapolis **Project Title:** Life stage specific regulation of mitochondrial gene expression in *Trypanosoma cruzi* **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

MINNESOTA

Chondronikola, Maria BS, MS

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Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** The role of brown adipose tissue in triglyceride clearance in people **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MISSISSIPPI
Fan, Fan MD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Role of 20-HETE on aging and hypertension related cerebral vascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MISSISSIPPI
George, Eric PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** A novel therapy for preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MISSISSIPPI
Logue, Omar PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** A Maternally Sequestered Biopolymer Drug Delivery System for Therapy of Preeclampsia **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

MISSISSIPPI
Ma, Yonggang MA,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Neutrophil polarization in post-myocardial infarction cardiac remodeling **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSISSIPPI
Murphy, Sydney PhD,MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Vasculareicosanoids and preeclampsia **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSISSIPPI
Tandon, Ritesh BS,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Roles of cytomegalovirus proteins pp150

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and pUL96 in virus maturation. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4
Total Award Amount: \$307,841

MISSISSIPPI
Taylor, Erin BS,MS

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Autoantibodies and the pathogenesis of hypertension in systemic lupus erythematosus **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$98,950

MISSISSIPPI
Schultz, Eric BS,PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Montana, Missoula **City:** Missoula **Project Title:** Mechanisms of human cytomegalovirus gH/gL complexes in cell-free and cell-associated spread. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$106,350

MISSOURI
Cummings, Kevin PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** The role of serotonin in cardiovascular recovery from severe hypoxia **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSOURI
Ding, Shinghua PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** The role of reactive astrocytes-derived GDNF in neural regeneration after focal ischemic stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MISSOURI
Ding, Shinghua PhD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Conversion of reactive astrocytes into neurons after ischemia by forced expression of NAMPT **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2
Total Award Amount: \$150,000

MISSOURI
Durante, William PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Glutaminase and endothelial cell function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MISSOURI

Durante, William PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Glutamine-derived ammonia and endothelial dysfunction in diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

MISSOURI

Fernando, Charmain BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Capillary Perfusion and Vasomotor Control in Regenerating Skeletal Muscle **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MISSOURI

Ford, David PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** St. Louis University **City:** Saint Louis **Project Title:** Dietary and Myeloperoxidase-Derived Chlorinated Lipids in Atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

MISSOURI

Gnana-Prakasam, Jaya Pranava PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** St. Louis University **City:** Saint Louis **Project Title:** Regulation of Renin-Angiotensin System by Iron in Diabetic Retinopathy **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSOURI

GONG, YONGFENG PhD,MD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Claudin, Chloride Metabolism and Blood Pressure Regulation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MISSOURI

Hagan, Andrew BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** REGULATION OF FIBROBLAST GROWTH

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FACTOR9 & DELINEATION OF THE FGF9 SIGNALING RESPONSE DURING LUNG DEVELOPMENT
Award Start Date: 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Humphreys, Benjamin PhD,MD

Program Type: Established Investigator Award **Funding Source:** Association Wide **Institution:** Washington University **City:** Saint Louis **Project Title:** Epithelial Dynamics During Kidney Injury **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$398,736

MISSOURI

Jay, Patrick PhD,MD

Program Type: Established Investigator Award **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Maternal age: A modifiable risk factor for congenital heart disease **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

MISSOURI

Keleher, Madeline BS,BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University **City:** Saint Louis **Project Title:** The effect of maternal over-nutrition on obesity, epigenetics, and gene expression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Kober, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Structural, biophysical, and functional investigation of TREM2 interaction with ligands **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MISSOURI

Kreienkamp, Raymond BA,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** St. Louis University **City:** Saint Louis **Project Title:** Vitamin D Receptor Deficiency in the Cardiovascular Pathology of Hutchinson-Gilford Progeria Syndrome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Kurokawa, Yosuke BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University **City:** Saint Louis **Project Title:** Tissue Engineering an Advanced Cardiac Drug Screening Platform:

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The Role of Vascular Co-culture **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2
Total Award Amount: \$51,900

MISSOURI

Li, Melissa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** rpL13a snoRNAs and doxorubicin-induced cardiotoxicity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Marrus, Scott BA,MD

Program Type: Fellow-to-Faculty Transition Award **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Functional characterization and molecular dissection of arrhythmogenic changes in the cardiac transient outward current **Award Start Date:** 7/1/2012 **Award End Date:** 6/30/2017 **Total Years:** 5 **Total Award Amount:** \$459,000

MISSOURI

Milescu, Lorin PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Sodium channels as sensors and regulators of cellular excitability **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSOURI

Muia, Joshua BSC,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Regulation of VWFCleavage by the Antithrombotic Protease ADAMTS13 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MISSOURI

Olver, T. BA,MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Mechanisms of sympathetic-mediated cerebrovascular vasoconstriction in heart failure with preserved ejection fraction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

MISSOURI

Pozzi, Nicola PhD,MS

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Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** St. Louis University **City:** Saint Louis **Project Title:** Structure-Based Mechanism for Prothrombin Activation by the Prothrombinase Complex **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

MISSOURI

Ruegsegger, Gregory BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Epigenetic mechanisms determining the motivation to be physically active **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Silva, Jonathan MS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University **City:** Saint Louis **Project Title:** Molecular Pathology of Brugada Syndrome Mutations **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MISSOURI

Spears, Larry BS, PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Effects of the Lipid Environment on Endothelial Function **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

MISSOURI

Stiers, Kyle BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Determining molecular mechanisms of dysfunction and biochemical phenotypes in phosphoglucomutase 1 deficiency **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

MISSOURI

Suleiman, Hani PhD, MD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Super-resolution Imaging of the Contractile Apparatus of the Kidney Podocytes. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MISSOURI

Williams, Jesse PhD, BA

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Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Washington University, School of Medicine **City:** Saint Louis **Project Title:** Tissue-resident aortic intimal macrophages contribute to early atherosclerotic lesion initiation and progression **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

MISSOURI

Yoshida, Tadashi BS,MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Missouri, Columbia **City:** Columbia **Project Title:** Renin-angiotensin system-mediated regulation of skeletal muscle regeneration in chronic diseases **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MISSOURI

Yuan, Peng BS,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Washington University **City:** Saint Louis **Project Title:** Structure, Function and Pharmacology of a Cardiovascular TRP Channel **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MISSOURI

zhu, wandi BSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University **City:** Saint Louis **Project Title:** Molecular Pathologies of Atrial Fibrillation-linked Nav. B-subunit mutations **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

MISSOURI

Zinselmeyer, Bernd H. PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Midwest Affiliate **Institution:** Washington University **City:** Saint Louis **Project Title:** EVALUATE RESIDENT INTIMAL MACROPHAGE FUNCTION AND SPATIAL-DYNAMICS IN ATHEROSCLEROTIC PLAQUE **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

MISSOURI

Chade, Alejandro MD

Program Type: Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Mississippi Medical Center **City:** Jackson **Project Title:** Novel Therapeutic Interventions in Renovascular Disease **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

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MONTANA

Usselman, Robert BA,PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Montana State University, Bozeman **City:** Bozeman **Project Title:** Biophysical Mechanisms of Reactive Oxygen Species Bifurcation in Flavoenzymes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

MONTANA

Berkowitz, David BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska, Lincoln **City:** Lincoln **Project Title:** Modulating H₂S- and D-Serine-Signaling in the Brain: A New Approach to Combatting Ischemic Neuronal Cell Damage **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

NEBRASKA

Bonnemaison, Mathilde PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Endoplasmic reticulum stress in the development of lupus nephritis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NEBRASKA

Choudhury, Songita BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Determining myocardial infarction size using extravascular ultrasound contrast **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

NEBRASKA

Jang, Heeseong PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Norepinephrine-CREB-Angiotensinogen axis as therapeutic target in renal fibrosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

NEBRASKA

Li, Yulong PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Role of ventricular vagal dysfunction in ventricular arrhythmogenesis in heart failure **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

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NEBRASKA

Nandi, Shyam PhD, MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Mitochondrial abnormality and its regulation by miRNA in diabetic hearts **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

NEBRASKA

Padanilam, Babu PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** p53-mediated tubular necrosis in ischemic renal injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

NEBRASKA

Rahman, Shamma BSc, MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Regulation of urine volume and osmolality by EHD4 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

NEBRASKA

Sharma, Neeru MS, PhD

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Post-translational regulation of nNOS in the paraventricular nucleus during heart failure **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NEBRASKA

Sun, Xinghui

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Nebraska, Lincoln **City:** Lincoln **Project Title:** Role of microRNA-181b in diabetic vascular injury and repair **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NEBRASKA

Wilson, Kathryn PhD, MS

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Traits and physical activity message content: effects on reach and effectiveness. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

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NEBRASKA

Wilson, Tony PhD

Program Type: Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** University of Nebraska Medical Center, Omaha **City:** Omaha **Project Title:** Exploring the Neurological Basis of Dyspnea and its Impact on Exercise Intolerance in Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$379,725

NEVADA

Feng, Yumei PhD,MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide **Institution:** University of Nevada, Reno **City:** Reno **Project Title:** Novel mechanism of brain prorenin and (pro)renin receptor in neural regulation of type 2 diabetes mellitus **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

NEVADA

Pires, Paulo BS,MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate **Institution:** University of Nevada, Reno **City:** Reno **Project Title:** Endothelial TRPA1 activity after hypoxia and experimental ischemic stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

NEVADA

Sumby, Paul PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate **Institution:** University of Nevada, Reno **City:** Reno **Project Title:** A molecular basis for rheumatogenic group A Streptococcus isolates **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

NEW HAMPSHIRE

Stan, Radu MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Dartmouth College **City:** Hanover **Project Title:** Biogenesis and regulation of endothelial fenestrae **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

NEW JERSEY

Aw, Wen Yih BSC,BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Princeton University **City:** Princeton **Project Title:** The role of directed mechanical forces in coordinating planar cell polarity. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

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NEW JERSEY

Babu, Gopal PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Reduction in sarcolipin expression ameliorates cardiomyopathy in mdx mice **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

NEW JERSEY

Basu, Urmimala MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Mechanism and regulation of human mitochondrial DNA transcription **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

NEW JERSEY

Cai, Na BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Regulation of TRPM7 channel-kinase by 14-3-3 proteins **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

NEW JERSEY

Fraidenraich, Diego PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Mechanisms of endomyocardial fibrosis caused by loss of extracardiac Id **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

NEW JERSEY

Fraidenraich, Diego PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** A novel In-vivo platform of pluripotent stem cell differentiation unveils epimorphic changes in adult hearts **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

NEW JERSEY

Galie, Peter BS,MS

Program Type: Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Rowan University **City:** Glassboro **Project Title:** Establishing a mechanistic link between cerebral blood flow and the blood-brain barrier **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$216,150

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NEW JERSEY

Grimes, Daniel PhD, MSc

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Princeton University **City:** Princeton **Project Title:** Pathways leading to actin polymerization and podosome formation in migrating cardiac progenitor cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NEW JERSEY

Hoop, Cody BA, PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Rutgers, The State University of New Jersey **City:** New Brunswick **Project Title:** Conformational and functional consequences of non-canonical collagen sequences and implications for disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

NEW JERSEY

Jakubowski, Hieronim PhD, DSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Homocysteine-thiolactone in Prognostication of Cardiovascular Disease Outcomes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

NEW JERSEY

Liu, Ji PhD, PhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** GLP-1 neural circuit in the paraventricular nucleus of the hypothalamus (PVN) regulates food intake **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

NEW JERSEY

Lou, Liping PhD, BSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Control of the Mg-permeant Ion Channels by PDZ Scaffold NHERF Proteins **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

NEW JERSEY

Lukac, David BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Role of a regulator of cardiovascular

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proteinopathies in Kaposi's Sarcoma-associated herpesvirus (KSHV) infection **Award Start Date:** 1/1/2015
Award End Date: 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

NEW JERSEY
Lutz, Carol BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** miRNA regulation of gene expression in the arachidonic acid metabolic pathway **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

NEW JERSEY
Oka, Shinichi PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Sirt1 in myocardial metabolic remodeling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

NEW JERSEY
Routh, Vanessa PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Role for glucose-inhibited orexin neurons in the tendency for weight regain following dieting **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

NEW JERSEY
Saito, Toshiro MDPhD

Program Type: Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** ULK1 induces mitochondrial autophagy through activation of Drp1. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$114,400

NEW JERSEY
Xie, Lai-hua PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rutgers, The State University of New Jersey, RBHS **City:** New Brunswick **Project Title:** Mitochondrial regulation of intracellular Ca²⁺ handling and arrhythmogenesis in the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000