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

MICHIGAN • MINNESOTA • MISSISSIPPI • MISSOURI • MONTANA • NEBRASKA • NEVADA • NEW HAMPSHIRE • NEW JERSEY •

MICHIGAN
Abshire, Elizabeth BS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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 Funding Source: Midwest 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 Funding Source: Midwest 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
Arble, Deanna PhD
Program Type: Scientist Development Grant Funding Source: Midwest Institution: University of Michigan City: Ann Arbor Project Title: The role of neuronal leptin in the pathogenesis, and treatment, of sleep apnea and cardiometabolic disease. Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

MICHIGAN
Bauer, Katherine PhD
Program Type: Grant-in-Aid Funding Source: Midwest 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
MIGHIGAN
Chapp, Andrew BS, BS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN
Chung, Charles PhD, BS
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Cleuren, Audrey PhD
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN
Cockburn, Darrell BSC, PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Day, Sharlene MD
Program Type: Grant-in-Aid Funding Source: Midwest 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

MIGHIGAN
Dejesus, Jasmine BA, PhD
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN
Else, Tobias MD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Fan, Yanbo MD, PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Guo, Yanhong MD, PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Hammer, Neal PhD, MS
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN
Hattangady, Namita BS, MSc
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN
Jagannathan, Madhav BSC, PhD
Program Type: Postdoctoral Fellowship  
Funding Source: Midwest  
Institution: University of Michigan  
City: Ann Arbor  
Project Title: Uncovering an unappreciated role for satellite DNA in genome maintenance  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $110,456

**MIGHIGAN**

**Jaykumar, Ankita Bachhawat BS, MSc**
Program Type: Predoctoral Fellowship  
Funding Source: Midwest  
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

**MIGHIGAN**

**Ji, Yewei PhD**
Program Type: Scientist Development Grant  
Funding Source: Midwest  
Institution: University of Michigan  
City: Ann Arbor  
Project Title: Novel Roles of Toll-like Receptors in Beta Cells  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $231,000

**MIGHIGAN**

**Jinka, Tulasi DVM, PhD**
Program Type: Scientist Development Grant  
Funding Source: Midwest  
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

**MIGHIGAN**

**Kalita, Cynthia BS**
Program Type: Predoctoral Fellowship  
Funding Source: Midwest  
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

**MIGHIGAN**

**Kim, Dong-II PhD, DVM**
Program Type: Postdoctoral Fellowship  
Funding Source: Midwest  
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
MIGHIGAN

Lee, Lik Chuan PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN

Lu, Haocheng MD
Program Type: Predoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN

Luca, Francesca PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN

Lumeng, Julie MD
Program Type: Established Investigator Award Funding Source: Midwest 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

MIGHIGAN

Meng, Zhuoxian MD, PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MIGHIGAN

Michele, Daniel PhD
Program Type: Undergraduate Fellowship Funding Source: Midwest 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
MIGHIGAN
*Nallamothu, Brahmajee*
**Program Type:** Institute - Data Grant  **Funding Source:** Midwest  **Institution:** University of Michigan Medical Center  **City:** Ann Arbor  **Project Title:** AngioAid: A Fully Automated Computer-Based Platform for Interpreting Coronary Angiograms.  **Award Start Date:** 4/1/2017  **Award End Date:** 3/31/2019  **Total Years:** 2  **Total Award Amount:** $100,000

MIGHIGAN
*Namba, Kazutaka MD*
**Program Type:** Scientist Development Grant  **Funding Source:** Midwest  **Institution:** University of Michigan  **City:** Ann Arbor  **Project Title:** Genetic Causes of Primary Aldosteronism in African Americans  **Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2020  **Total Years:** 3  **Total Award Amount:** $231,000

MIGHIGAN
*Omata, Kei MD*
**Program Type:** Postdoctoral Fellowship  **Funding Source:** Midwest  **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

MIGHIGAN
*Palaniyandi, Suresh PhD, MS*
**Program Type:** Scientist Development Grant  **Funding Source:** Midwest  **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

MIGHIGAN
*Pan, Guodong PhD, MD*
**Program Type:** Postdoctoral Fellowship  **Funding Source:** Midwest  **Institution:** Henry Ford Health System  **City:** Detroit  **Project Title:** ALDH2 activation protects acute myocardial ischemia-reperfusion injury in ALDH2*2 mutant chronic diabetic mice  **Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $106,532

MIGHIGAN
*Patel, Chandni BS*
**Program Type:** Predoctoral Fellowship  **Funding Source:** Midwest  **Institution:** Wayne State University  **City:** Detroit  **Project Title:** Targeting Aspartate Transcarbamoylase in P. aeruginosa and S. aureus: A
Novel Therapeutic Approach for Sepsis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

**MIGHIGAN**

*Pedde, Meredith BA, MPA*

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


**MIGHIGAN**

*Pesch, Megan BA, MS*

**Program Type:** Fellow-to-Faculty  
**Funding Source:** Midwest  
**Institution:** University of Michigan Medical Center  
**City:** Ann Arbor  
**Project Title:** Harsh Maternal Restrictive Feeding Practices and Obesity in Early Childhood  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2022  
**Total Years:** 5  
**Total Award Amount:** $593,000


**MIGHIGAN**

*Pour Shahid Saeed Ab, Parisa PhD*

**Program Type:** Scientist Development Grant  
**Funding Source:** Midwest  
**Institution:** Michigan Technological University, Houghton  
**City:** Houghton  
**Project Title:** 3D printed nano-bioactuators and their application in navigation of endovascular catheters  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $231,000


**MIGHIGAN**

*Sjogren, Benita MSc, PhD*

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


**MIGHIGAN**

*Sonneville, Kendrin ScD, RD*

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


**MIGHIGAN**

*Taylor, Matthew BS*
Program Type: Predoctoral Fellowship  Funding Source: Midwest  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

MIGHIGAN  
Tian, Fangyun BS, MPH  
Program Type: Predoctoral Fellowship  Funding Source: Midwest  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

MIGHIGAN  
Uchida, Keita BA  
Program Type: Predoctoral Fellowship  Funding Source: Midwest  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

MIGHIGAN  
Venkat, Poornima BS, PhD  
Program Type: Postdoctoral Fellowship  Funding Source: Midwest  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

MIGHIGAN  
Weinberg, Jason MD, BA  
Program Type: Grant-in-Aid  Funding Source: Midwest  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

MIGHIGAN  
Westrick, Randal BS, MS  
Program Type: Innovative Research Grant  Funding Source: Midwest  Institution: Oakland University  City: Rochester  Project Title: Mouse ENU mutagenesis screen for atherothrombosis modifier genes  Award Start Date: 1/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $150,000
MIGHIGAN

Wu, Colin BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Funding Source: Midwest Institution: Oakland University City: Rochester Project Title: Formation of a G-quadruplex Repair Complex by FANCJ and REV1: Toward Better Cardiovascular Health through DNA Repair Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,031

MIGHIGAN

Yuan, Wenmin BS, PhD
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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

MIGHIGAN

Zhang, Yi PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MINNESOTA

Adabag, Selcuk MD, MS
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City: Minneapolis Project Title: Validation of a Multivariable Prediction Model for Sudden Cardiac Death in Heart Failure Preserved Ejection Fraction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $147,563

MINNESOTA

Arani, Arvin BS, PhD
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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 Funding Source: Midwest 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
MINNESOTA

Austin, Susan BA, PhD

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

Banek, Christopher PhD

Program Type: Postdoctoral Fellowship  
Funding Source: Midwest Institution: University of Minnesota, Minneapolis  
City: Minneapolis  
Project Title: Elucidating the role of renal afferent sympathetic nerves within hypertension etiology  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $106,532

MINNESOTA

Cannone, Valentina MD, PhD

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

MINNESOTA

Chen, Xiaoli PhD, MD

Program Type: Grant-in-Aid  
Funding Source: Midwest 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, Yingjie MD PhD, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City: Minneapolis Project Title: CD44 in heart failure development and progression Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MINNESOTA
Chen, Yang BS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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
Covassin, Naima BSC, MS
Program Type: Scientist Development Grant Funding Source: Midwest 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 Funding Source: Midwest 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

MINNESOTA
Ding, Yonghe PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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
Drizyte, Kristina BS
Program Type: Predoctoral Fellowship Funding Source: Midwest Institution: Mayo Clinic, Rochester City: Rochester Project Title: Regulation of Lipid Droplet Catabolism by GTPases During Autophagy- and Mitochondria-Driven Pathways Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688
MINNESOTA

Hayward, Amanda BS
Program Type: Predoctoral Fellowship Funding Source: Midwest Institution: University of Minnesota, Minneapolis City: Minneapolis Project Title: Molecular Basis of Polycystin-1 Mehanosensing 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

Kim, Maengjo PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

Kullo, Iftikhar MBBS, MD
Program Type: Institute - Data Grant Funding Source: Midwest Institution: Mayo Clinic, Rochester City: Rochester Project Title: Using Big Data Analytics to Discover Pleiotropic Effects of Genes Regulating Lipid Metabolism Award Start Date: 4/1/2017 Award End Date: 3/31/2018 Total Years: 1 Total Award Amount: $50,000

MINNESOTA

Li, Faqian PhD, MD
Program Type: Grant-in-Aid Funding Source: Midwest 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

MINNESOTA

Lu, Xinran BS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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

Muretta, Joseph BS, PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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 Funding Source: Midwest 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

MINNESOTA

Polonis, Katarzyna PhD
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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 Funding Source: Midwest 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 Funding Source: Midwest 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

Regal, Jean PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City: Minneapolis Project Title: Complement Activation in Pregnancy and Hypertension Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MINNESOTA

Ruan, Hai-Bin PhD
Program Type: Scientist Development Grant Funding Source: Midwest Institution: University of Minnesota, Saint Paul City: Saint Paul Project Title: O-GlcNAc signaling in hunger-promoting 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 Funding Source: Midwest 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 Funding Source: Midwest 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
Singh, Prachi PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Mayo Clinic, Rochester City: Rochester Project Title: Role of leptin in adipose tissue cell death: implications in for obesity Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MINNESOTA
Thenappan, Thenappan MD
Program Type: Scientist Development Grant Funding Source: Midwest 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 Funding Source: Midwest 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
Van Iterson, Erik PhD, MS
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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  
**Funding Source:** Midwest  
**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  
**Funding Source:** Midwest  
**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**

**Yao, Yao BS, MS**

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

---

**MISSISSIPPI**

**Bai, Fengwei PhD**

**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Funding Source:** Greater Southeast  
**Institution:** University of Southern Mississippi  
**City:** Hattiesburg  
**Project Title:** The role of osteopontin in promoting West Nile virus neuroinvasion  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

---

**MISSISSIPPI**

**Chade, Alejandro MD**
Program Type: Established Investigator Award  Funding Source: Greater Southeast  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

MISSISSIPPI  
Clemmer, John BS, MS  
Program Type: Postdoctoral Fellowship  Funding Source: Greater Southeast  Institution: University of Mississippi Medical Center  City: Jackson  Project Title: Computational Modeling and Predictive Analytics to Improve the Treatment of Resistant Hypertension in African Americans  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $106,532

MISSISSIPPI  
Fan, Fan MD, MS  
Program Type: Grant-in-Aid  Funding Source: Greater Southeast  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  
Logue, Omar PhD  
Program Type: Postdoctoral Fellowship  Funding Source: Greater Southeast  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  Funding Source: Greater Southeast  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  Funding Source: Greater Southeast  Institution: University of Mississippi Medical Center  City: Jackson  Project Title: Vascular eicosanoids 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 Funding Source: Greater Southeast Institution: University of Mississippi Medical Center City: Jackson Project Title: Roles of cytomegalovirus proteins pp150 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

Taylor, Erin BS, MS
Program Type: Postdoctoral Fellowship Funding Source: Greater Southeast 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

Vaka, Venkata Ramana BS, MS
Program Type: Predoctoral Fellowship Funding Source: Greater Southeast Institution: University of Mississippi Medical Center City: Jackson Project Title: The role of NK cells as mediators of mitochondrial oxidative stress in response to placental ischemia Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

Zhou, Weihua BS, MS
Program Type: AHA Institutional Research Enhancement Award (AIREA) Funding Source: Greater Southeast Institution: University of Southern Mississippi City: Hattiesburg Project Title: A new image-guided approach for cardiac resynchronization therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,794

MISSOURI

Albertson, Asher MS, MD PhD
Program Type: Clinical Scientist Training Program Funding Source: Midwest Institution: Washington University, School of Medicine City: Saint Louis Project Title: Role of Axonal Sprouting in Cortical Remapping and Recovery of Functional Connectivity after Focal Ischemia Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $114,368

Barenkamp, Stephen BA, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: St. Louis University City: Saint Louis Project Title: Development of a nontypeable Haemophilus influenzae vaccine Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
MISSOURI
Cai, Catherine BS
Program Type: Clinical Health Profession Student Training Program Funding Source: Midwest Institution: St. Louis University City: Saint Louis Project Title: Understanding the role of CD4+ Th17 cells in Chagas disease and Chronic Chagasic Cardiomyopathy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

MISSOURI
Chondronikola, Maria BS, MS
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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

MISSOURI
Cummins, Kevin PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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 Funding Source: Midwest 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: Midwest 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
Program Type: Innovative Research Grant Funding Source: Midwest 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
Fay, William BS, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Missouri, Columbia City: Columbia Project Title: Pharmacological Targeting of Plasminogen Activator Inhibitor-1 to Inhibit Atherogenesis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MISSOURI
Fernando, Charmain BS, MS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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
Fu, Mingui PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Funding Source: Midwest Institution: University of Missouri, Kansas City City: Kansas City Project Title: Role of TRIM65 E3 ligase in endothelial activation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MISSOURI
Gnana-Prakasam, Jaya Pranava PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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 Funding Source: Midwest 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
Griffett, Kristine PhD
Program Type: Scientist Development Grant Funding Source: Midwest Institution: St. Louis University City: Saint Louis Project Title: Investigating the LXR-Acat2 Connection for the Treatment of
Atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

MISSOURI
Hagan, Andrew BS
Program Type: Predoctoral Fellowship Funding Source: Midwest Institution: Washington University, School of Medicine City: Saint Louis Project Title: REGULATION OF FIBROBLAST GROWTH FACTOR 9 & 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: Midwest 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: Midwest 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 Funding Source: Midwest 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
Kurokawa, Yosuke BS
Program Type: Predoctoral Fellowship Funding Source: Midwest Institution: Washington University City: Saint Louis Project Title: Tissue Engineering an Advanced Cardiac Drug Screening Platform: 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
Muia, Joshua BSC, PhD
**Program Type:** Scientist Development Grant  
**Funding Source:** Midwest  
**Institution:** Washington University, School of Medicine  
**City:** Saint Louis  
**Project Title:** Regulation of VWF Cleavage 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  
**Funding Source:** Midwest  
**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**  
**Program Type:** Scientist Development Grant  
**Funding Source:** Midwest  
**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

**Rajamoorthi, Ananthi BS**  
**Program Type:** Clinical Health Profession Student Training Program  
**Funding Source:** Midwest  
**Institution:** St. Louis University  
**City:** Saint Louis  
**Project Title:** The role of hepatic lipid droplet-associated protein, CIDEC/Fsp27, in non-alcoholic steatohepatitis and atherosclerosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

MISSOURI

**Ruegsegger, Gregory BS**  
**Program Type:** Predoctoral Fellowship  
**Funding Source:** Midwest  
**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

**Ruppar, Todd BSN, MSN**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Midwest  
**Institution:** University of Missouri, Columbia  
**City:** Columbia  
**Project Title:** Self-Care Interventions Meta-Analysis for Heart Failure (SCIMA-HF)  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $153,210
MISSOURI

Silva, Jonathan MS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest 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 Funding Source: Midwest 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 Award Amount: $106,372

MISSOURI

Stiers, Kyle BS
Program Type: Predoctoral Fellowship Funding Source: Midwest 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 Funding Source: Midwest 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
Program Type: Postdoctoral Fellowship Funding Source: Midwest 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 Funding Source: Midwest 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 Funding Source: Midwest 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
Zinselmeyer, Bernd H. PhD
Program Type: Scientist Development Grant Funding Source: Midwest 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

MONTANA
Schultz, Eric BS, PhD
Program Type: Postdoctoral Fellowship Funding Source: Western States 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

MONTANA
Usselman, Robert BA, PhD
Program Type: Scientist Development Grant Funding Source: Western States 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

NEBRASKA
Berkowitz, David BS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest 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
Boesen, Erika BS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Nebraska Medical Center, Omaha City: Omaha Project Title: EHD4: A novel player in the urinary concentrating mechanism. Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
NEBRASKA

**Bonnemaison, Mathilde PhD**

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

**Duan, Bin PhD**

**Program Type:** Scientist Development Grant  
**Funding Source:** Midwest  
**Institution:** University of Nebraska Medical Center, Omaha  
**City:** Omaha  
**Project Title:** Bio-inspired engineered pediatric valve regulates MSC differentiation and MSC-monocyte interaction  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $231,000

NEBRASKA

**Nandi, Shyam PhD, MSc**

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

**Sharma, Neeru MS, PhD**

**Program Type:** Scientist Development Grant  
**Funding Source:** Midwest  
**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  
**Funding Source:** Midwest  
**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, Tony PhD
Program Type: Collaborative Science Award Funding Source: Midwest 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: Western States 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
Sumby, Paul PhD
Program Type: Grant-in-Aid Funding Source: Western States 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 Funding Source: Founders 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
Babu, Gopal PhD
Program Type: Grant-in-Aid Funding Source: Founders 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 Funding Source: Founders 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**

*Boukrina, Olga PhD, BA*

**Program Type:** Scientist Development Grant  **Funding Source:** Founders  **Institution:** Kessler Foundation  **City:** West Orange  **Project Title:** Right brain stroke and the neural substrate of delirium  

**Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020  **Total Years:** 3  **Total Award Amount:** $230,941

**NEW JERSEY**

*Fraidenraich, Diego PhD*

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

**NEW JERSEY**

*Grimes, Daniel PhD, MSc*

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

*Himelman, Eric BS, MS*
Program Type: Predoctoral Fellowship  
Funding Source: Founders  
Institution: Rutgers, The State University of New Jersey, RBHS  
City: New Brunswick  
Project Title: Genetic Rescue of Connexin 43 Lateralization in DMD-induced Cardiomyopathy  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $53,688

NEW JERSEY  
Hoop, Cody BA, PhD  
Program Type: Postdoctoral Fellowship  
Funding Source: Founders  
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  
Funding Source: Founders  
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  
Funding Source: Founders  
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  
Funding Source: Founders  
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  
Funding Source: Founders  
Institution: Rutgers, The State University of New Jersey, RBHS  
City: New Brunswick  
Project Title: Role of a regulator of cardiovascular 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  **Funding Source:** Founders  **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

Nakamura, Michinari MD
**Program Type:** Scientist Development Grant  **Funding Source:** Founders  **Institution:** Rutgers, The State University of New Jersey, RBHS  **City:** New Brunswick  **Project Title:** The Role of Bcl-x Short Isoform in Heart Failure  **Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2020  **Total Years:** 3  **Total Award Amount:** $231,000

NEW JERSEY

Oka, Shinichi PhD, MS
**Program Type:** Grant-in-Aid  **Funding Source:** Founders  **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

Saito, Toshiro MD PhD
**Program Type:** Postdoctoral Fellowship  **Funding Source:** Founders  **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

Thawani, Akanksha BS, MA
**Program Type:** Predoctoral Fellowship  **Funding Source:** Founders  **Institution:** Princeton University  **City:** Princeton  **Project Title:** Mechanism of mitotic spindle formation: How are microtubules generated to find kinetochores during cell division?  **Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $53,688

NEW JERSEY

Xie, Lai-Hua PhD
**Program Type:** Grant-in-Aid  **Funding Source:** Founders  **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