

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

[MICHIGAN](#) • [MINNESOTA](#) • [MISSISSIPPI](#) • [MISSOURI](#) • [MONTANA](#) •
[NEBRASKA](#) • [NEVADA](#) • [NEW HAMPSHIRE](#) • [NEW JERSEY](#) •

MIGHIGAN

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

MIGHIGAN

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

MIGHIGAN

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

MIGHIGAN

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

MIGHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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-Il 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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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

MICHIGAN

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 FANCD1 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 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

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

Rebbeck, 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

MISSISSIPPI

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

MISSISSIPPI

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

MISSISSIPPI

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

MISSOURI

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

Cummings, 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, CIDEA/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

Rueggsegger, 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 **Total 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

Sunby, 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, RBHS **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