American Heart Association  
Awardees by Program Type  
Last Update: August 2017

Grant-in-Aid

Abrahams, Vikki BSC, PhD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: Yale University  
City/State: New Haven, CT  
Project Title: Role of TAM receptors in modulation of trophoblast function and vascular remodeling in obstetric APS  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2018  
Total Years: 3  
Total Award Amount: $197,799

Adabag, Selcuk MD, MS
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Minnesota, Minneapolis  
City/State: Minneapolis, MN  
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

Adar, Sara ScD, MHSc
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Michigan  
City/State: Ann Arbor, MI  
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

Adebiyi, Adebowale PhD
Program Type: Grant-in-Aid  
Funding Source: Greater Southeast  
Institution: University of Tennessee Health Science Center Memphis  
City/State: Memphis, TN  
Project Title: Myogenic renal autoregulation in neonatal acute kidney injury  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

Adefeso, Omolola PhD
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Michigan  
City/State: Ann Arbor, MI  
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
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Program Type</th>
<th>Funding Source</th>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
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<tbody>
<tr>
<td>Agopian, A PhD</td>
<td>PhD</td>
<td>Grant-in-Aid</td>
<td>Southwest</td>
<td>The University of Texas Health Science Center at Houston</td>
<td>Houston, TX</td>
<td>Hypertension genotypes in mothers and risk for congenital heart defects in offspring</td>
<td>7/1/2016</td>
<td>6/30/2018</td>
<td>2</td>
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<td>Alevriadou, Barbara Rita BS, MS</td>
<td>BS, MS</td>
<td>Grant-in-Aid</td>
<td>Great Rivers</td>
<td>The Ohio State University</td>
<td>Columbus, OH</td>
<td>Redox Regulation of Autophagy in Postischemic Vascular Endothelial Cells</td>
<td>1/1/2016</td>
<td>12/31/2017</td>
<td>2</td>
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<td>Ali, M. Yusuf PhD</td>
<td>PhD</td>
<td>Grant-in-Aid</td>
<td>Founders</td>
<td>University of Vermont, Burlington</td>
<td>Burlington, VT</td>
<td>Single-molecule approaches to how force and motion of myosin V is regulated by adapter proteins that link motor to cargo</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>2</td>
<td>$154,000</td>
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<td>Alkayed, Nabil MD, PhD</td>
<td>MD, PhD</td>
<td>Grant-in-Aid</td>
<td>Western States</td>
<td>Oregon Health &amp; Science University, Portland</td>
<td>Portland, OR</td>
<td>Role of Pericytes in Control of Capillary Perfusion in Brain</td>
<td>7/1/2016</td>
<td>6/30/2018</td>
<td>2</td>
<td>$154,000</td>
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<td>Ameer, Guillermo ScD</td>
<td>ScD</td>
<td>Grant-in-Aid</td>
<td>Midwest</td>
<td>Northwestern University, Evanston</td>
<td>Evanston, IL</td>
<td>Developing imaging-compatible 3D-printed bioresorbable scaffolds</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>2</td>
<td>$153,626</td>
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<td>Anderson, Gregory PhD, BS</td>
<td>PhD, BS</td>
<td>Grant-in-Aid</td>
<td>Midwest</td>
<td>Indiana University, Indianapolis</td>
<td>Indianapolis, IN</td>
<td>Magnesium Regulation of Chronic Pseudomonas aeruginosa Biofilm Infection</td>
<td>7/1/2016</td>
<td>6/30/2018</td>
<td>2</td>
<td>$154,000</td>
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<td>Angel, Peggi PhD</td>
<td>PhD</td>
<td>Grant-in-Aid</td>
<td>Mid-Atlantic</td>
<td>Medical University of South Carolina</td>
<td>Charleston, SC</td>
<td>N-Glycan Pathways in Congenital Aortic Valve</td>
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Stenosis' **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** $143,961

**Angelos, Mark**
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** The Ohio State University  
**City/State:** Columbus, OH  
**Project Title:** Preconditioning of human induced pluripotent stem cell derived cardiomyocytes  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Araujo, Jesus PhD, MS**
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA  
**Project Title:** Air Pollution, Myeloid HO-1 Expression and Cardiovascular Toxicity  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

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

**Askwith, Candice PhD**
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** The Ohio State University  
**City/State:** Columbus, OH  
**Project Title:** Delta Opioid Receptor Regulation of Acidotoxicity Following Ischemia  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Azhar, Mohamad PhD**
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** University of South Carolina, Columbia  
**City/State:** Columbia, SC  
**Project Title:** Role of TGFbeta ligands in development and progression of aneurysm  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
<table>
<thead>
<tr>
<th>Name</th>
<th>Program Type</th>
<th>Funding Source</th>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
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<tr>
<td>Babu, Gopal PhD</td>
<td>Grant-in-Aid</td>
<td>Founders</td>
<td>Rutgers, The State University of New Jersey, RBHS</td>
<td>New Brunswick, NJ</td>
<td>Reduction in sarcolipin expression ameliorates cardiomyopathy in mdx mice</td>
<td>7/1/2016</td>
<td>6/30/2018</td>
<td>2</td>
<td>$154,000</td>
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<td>Bachschmid, Markus PhD</td>
<td>Grant-in-Aid</td>
<td>Founders</td>
<td>Boston University Medical Campus</td>
<td>Boston, MA</td>
<td>Impaired cysteine-thiol redox signaling in metabolic cardiovascular disease</td>
<td>1/1/2016</td>
<td>12/31/2018</td>
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<td>Back, Stephen MD PhD</td>
<td>Grant-in-Aid</td>
<td>Western States</td>
<td>Oregon Health &amp; Science University, Portland</td>
<td>Portland, OR</td>
<td>Role of Extracellular Matrix in Perinatal Hypoxia-Ischemia</td>
<td>1/1/2017</td>
<td>12/31/2018</td>
<td>2</td>
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<td>Bagi, Zsolt PhD, MD</td>
<td>Grant-in-Aid</td>
<td>Greater Southeast</td>
<td>Augusta University</td>
<td>Augusta, GA</td>
<td>Adenosine kinase regulation of conducted vasodilation</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>2</td>
<td>$154,000</td>
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<td>Bailey, E Fiona PhD</td>
<td>Grant-in-Aid</td>
<td>Western States</td>
<td>University of Arizona, Tucson</td>
<td>Tucson, AZ</td>
<td>Respiratory strength training mitigates hypertension and sleep fragmentation in obstructive sleep apnea</td>
<td>1/1/2016</td>
<td>12/31/2017</td>
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<td>Barbieri, Riccardo PhD</td>
<td>Grant-in-Aid</td>
<td>Founders</td>
<td>Massachusetts General Hospital</td>
<td>Boston, MA</td>
<td>EFFECTS OF TRANSCUTANEOUS VAGAL NERVE STIMULATION ON HYPERTENSION</td>
<td>1/1/2016</td>
<td>12/31/2018</td>
<td>3</td>
<td>$198,000</td>
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<td>Barenkamp, Stephen BA, MD</td>
<td>Grant-in-Aid</td>
<td>Midwest</td>
<td>St. Louis University</td>
<td>Saint Louis, MO</td>
<td>Development of a nontypeable Haemophilus influenzae vaccine</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>2</td>
<td>$154,000</td>
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Barone Gibbs, Bethany PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Sedentary Behavior across Pregnancy and Cardiovascular Health Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

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

Bauer, Katherine PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Michigan City/State: Ann Arbor, MI 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

Bayless, Kayla PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Texas A&M University Health Science Center City/State: College Station, TX Project Title: Filamins stabilize a transmembrane complex to initiate angiogenesis Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Bennett, Anton PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: Congenital Heart Disease Mechanisms by PTPN11/SHP2 Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000

Bensinger, Steven VMD, PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Los Angeles City/State: Los Angeles, CA Project Title: Understanding the crosstalk between type I
IFNs and cholesterol metabolism in macrophages and atherosclerosis

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

Berkowitz, David BS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Nebraska, Lincoln
City/State: Lincoln, NE 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

Bernstein, Kenneth MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Cedars-Sinai Medical Center
City/State: Los Angeles, CA Project Title: Intrarenal ACE and hypertension
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Bilchick, Kenneth MD, MSc
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: University of Virginia, Charlottesville
City/State: Charlottesville, VA Project Title: Cardiac MRI for Optimal Heart Failure Outcomes with CRT Upgrades
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

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

Boesen, Erika BS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Nebraska Medical Center, Omaha
City/State: Omaha, NE 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
Boisvert, William BS, MS
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Hawaii
City/State: Honolulu, HI Project Title: Role of CD98 in smooth muscle cell proliferation Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Boivin, Benoit PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: SUNY Polytechnic Institute
City/State: Albany, NY Project Title: Characterization of PTP1B-dependent regulation of Argonaute 2 and gene silencing in pathological cardiac remodeling Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Boudina, Sihem PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Utah
City/State: Salt Lake City, UT Project Title: Functional Characterization of Novel Visceral Adipose Tissue Progenitors. Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

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

Broberg, Craig MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Oregon Health & Science University, Portland City/State: Portland, OR Project Title: The Systemic Right Ventricle: Risks and Outcomes of Congestive Heart Failure Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,987

Bukrinsky, Michael PhD, MD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: George Washington University City/State: Washington, DC Project Title: Epigenetic reprogramming in HIV-associated atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Cai, Chen leng PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Icahn School of Medicine at Mount Sinai City/State: New York, NY Project Title: Isl1 Transcriptional Program in SHF Cardiac Progenitor Cell Development Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $198,000
Calvert, John PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Emory University, Atlanta City/State: Atlanta, GA Project Title: Hydrogen Sulfide therapy ameliorates diabetic cardiomyopathy via inhibition of PTP1B Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Campbell, Stuart BS, PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: The role of mechanical loading in the pathogenesis of arrhythmogenic cardiomyopathy Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Candelario-Jalil, Eduardo PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Florida, Gainesville City/State: Gainesville, FL Project Title: Prostacyclin Receptor Activation and Neurovascular Protection in Ischemic Stroke Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Chang, Benny PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Baylor College of Medicine, Houston City/State: Houston, TX Project Title: Lipid Droplets Control Their Own Existence. Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Chen, Peter BS, MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Cedars-Sinai Medical Center City/State: Los Angeles, CA Project Title: miR-323a-3p regulation of chronic lung allograft dysfunction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

Chen, Xiaoli PhD, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN 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

Chen, Yingjie MD PhD, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN 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

Chen, Miao hsueh PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Baylor College of Medicine, Houston City/State: Houston, TX Project Title: Characterizing supraclavicular brown adipose tissue during development and in obesity Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Cheng, Zhongjian MS, PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Temple University City/State: Philadelphia, PA Project Title: Mechanisms of insufficient hydrogen sulfide-induced stem cell dysfunction in diabetes: role of miR-499 Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

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

Cihakova, Daniela PhD, MD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: DRIVERS OF POST-INFARCT CARIDIAC REMODELING Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
**Clyne, Alisa PhD, BS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Drexel University  
**City/State:** Philadelphia, PA  
**Project Title:** Impaired endothelial cell mechanosensing and metabolism in pulmonary arterial hypertension  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Cohen, Ethan PhD, BS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** University of Rochester Medical Center  
**City/State:** Rochester, NY  
**Project Title:** Fzd2 acts via beta-catenin to maintain cardiac progenitor cells and promote cardiomyocyte differentiation  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2017  
**Total Years:** 3  
**Total Award Amount:** $198,000

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**Cole, Jacqueline BS, MS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** North Carolina State University  
**City/State:** Raleigh, NC  
**Project Title:** Contributions of Bone Vasculature to Stroke-Induced Bone Fragility  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Cooke, Daniel MD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of California, San Francisco  
**City/State:** San Francisco, CA  
**Project Title:** Bevacizumab therapy for brain arteriovenous malformations.  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Cuevas, Javier PhD, BA**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of South Florida, Tampa  
**City/State:** Tampa, FL  
**Project Title:** Identification of an endogenous ligand for acid-sensing ion channels: implications for stroke injury  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Cunha, Shane PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** The University of Texas Health Science Center at Houston  
**City/State:** Houston, TX  
**Project Title:** Ankyrin-dependent assembly of SR/T-tubule organization  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Currie, Kevin PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Vanderbilt University Medical Center  
**City/State:** Nashville, TN  
**Project Title:** Control of adrenal catecholamine secretion: a
novel role for the serotonin transporter

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

Dando, Robin BSC, MSc
Program Type: Grant-in-Aid
Funding Source: Founders
Institution: Cornell University, Ithaca
City/State: Ithaca, NY
Project Title: Obesity Induces Apoptosis of Taste Cells, Compromising Our Ability to Taste
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Davies, Ryan MD
Program Type: Grant-in-Aid
Funding Source: Great Rivers
Institution: Nemours Alfred I. DuPont Hospital for Children
City/State: Wilmington, DE
Project Title: Predictors of Individual Variation in Neurodevelopmental Outcomes Among Children Undergoing Cardiac Surgery
Award Start Date: 1/1/2016
Award End Date: 12/31/2017
Total Years: 2
Total Award Amount: $154,000

Day, Sharlene MD
Program Type: Grant-in-Aid
Funding Source: Midwest
Institution: University of Michigan Medical Center
City/State: Ann Arbor, MI
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

De Caestecker, Mark PhD, MBBS
Program Type: Grant-in-Aid
Funding Source: Greater Southeast
Institution: Vanderbilt University Medical Center
City/State: Nashville, TN
Project Title: BMPR2-dependent metabolic reprogramming in pulmonary arterial hypertension
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

De Kloet, Annette BS, PhD
Program Type: Grant-in-Aid
Funding Source: Greater Southeast
Institution: University of Florida, Gainesville
City/State: Gainesville, FL
Project Title: Targeting angiotensin-vasopressin interactions in the brain to alleviate hypertension
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000
Decampli, William MD, PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Central Florida Research Foundation, Inc. City/State: Orlando, FL Project Title: Hemodynamics of Novel Hybrid Approach to Comprehensive Stage II Operation for Single Ventricle Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

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

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

Di Pietro, Santiago PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Colorado State University, Fort Collins City/State: Fort Collins, CO Project Title: Mechanisms of Platelet Alpha Granule Biogenesis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Dikalova, Anna PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Sirtuin 3 Inactivation and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Ding, Shinghua PhD, MS
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Missouri, Columbia City/State: Columbia, MO 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
Domian, Ibrahim MD PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Massachusetts General Hospital City/State: Boston, MA Project Title: The Role of Proteolysis in Cardiac Development and Disease Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

Dong, Wenji MS, PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Washington State University, Pullman City/State: Pullman, WA Project Title: Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac myofilament Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Dore, Sylvain PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Florida, Gainesville City/State: Gainesville, FL Project Title: To Investigate the Unique Role and Putative Mechanism of CD163-Mediated Protection Against ICH Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

Edwards, David PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Delaware City/State: Newark, DE Project Title: Mitochondrial Oxidative Stress in Chronic Kidney Disease Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Eghbali, Mansoureh PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California,
Los Angeles City/State: Los Angeles, CA

**Project Title:** Sex differences in myocardial ischemia/reperfusion injury
**Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2
**Total Award Amount:** $140,000

_Eguchi, Satoru PhD, MD_
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Temple University  
**City/State:** Philadelphia, PA  
**Project Title:** Hypertensive vascular remodeling via a caveolae-localized ADAM17 kinase, BMX  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2  
**Total Award Amount:** $154,000

_El-Shewy, Hesham PhD_
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Medical University of South Carolina  
**City/State:** Charleston, SC  
**Project Title:** Sphingolipids and Calcium Mobilization  
**Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2  
**Total Award Amount:** $154,000

_Fairweather, Delisa PhD_
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Mayo Clinic, Jacksonville  
**City/State:** Jacksonville, FL  
**Project Title:** Sex differences in VitD during myocarditis/DCM  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2  
**Total Award Amount:** $154,000

_Fan, Fan MD, MS_
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Mississippi Medical Center  
**City/State:** Jackson, MS  
**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

_Fan, Qing PhD_
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Columbia University, New York  
**City/State:** New York, NY  
**Project Title:** Molecular mechanisms of human extracellular calcium-sensing receptor function  
**Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3  
**Total Award Amount:** $198,000

_Fan, Hua-Ying PhD_
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** University of Pennsylvania  
**City/State:** Philadelphia, PA  
**Project Title:** Epigenetic Regulation of Notch Signaling  
**Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2  
**Total Award Amount:** $154,000
Faustino, E. Vincent BS, MD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: Prevention of central venous catheter-associated thrombosis in critically ill children Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Fay, William BS, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Missouri, Columbia City/State: Columbia, MO 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

Fedorov, Vadim PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: The Ohio State University City/State: Columbus, OH Project Title: Structural and Molecular Atrial Substrates of the Human Atrial Fibrillation Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Feng, Jun MD, MSc
Program Type: Grant-in-Aid Funding Source: Founders Institution: Rhode Island Hospital City/State: Providence, RI Project Title: Metabolic Regulation of Endothelial SKCa/IKCa Channels and Coronary Endothelial Function Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $198,000

Ferreri, Nicholas PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: New York Medical College City/State: Valhalla, NY Project Title: Targeting of renal TNF as a determinant of blood pressure regulation Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Fishbein, Ilia PhD, MD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: The Children's Hospital of Philadelphia City/State: Philadelphia, PA Project Title: Induction of prohealing macrophage phenotype with stent-eluted gene vectors for the prevention of restenosis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Fong, Guo-Hua BSC, PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: University of Connecticut, Farmington City/State: Farmington, CT Project Title: Negative feedback regulation of vascular
development by blood vessel-derived signals

**Award Start Date:** 7/1/2015  **Award End Date:** 6/30/2018  
**Total Years:** 3  **Total Award Amount:** $198,000

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**Fraidenraich, Diego PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Rutgers, The State University of New Jersey, RBHS  
**City/State:** New Brunswick, NJ  
**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

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

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

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

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

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**Fu, Qi MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX  
**Project Title:** Sex Differences in Elderly Hypertension: Role of the Venoarteriolar Response  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $140,000
Galkin, Vitold PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Eastern Virginia Medical School, Norfolk City/State: Norfolk, VA Project Title: Mechanism of Regulation of Thin Filament by Myosin Binding Protein-C Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Gao, Wei Dong DPhil, MD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: Myofilament Desensitization in Hypertrophic Cardiomyopathy in Mice Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Garat-Carter, Chrystelle PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Colorado, Aurora City/State: Aurora, CO Project Title: Role of the transcription factor CREB in the development of pulmonary hypertension. Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Garcia-Arcos, Itsaso PhD, MS
Program Type: Grant-in-Aid Funding Source: Founders Institution: SUNY Downstate Medical Center City/State: Brooklyn, NY Project Title: Pulmonary type 2 cell LRP1 in lipid and lipoprotein metabolism Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

Garrity, Deborah PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Colorado State University, Fort Collins City/State: Fort Collins, CO Project Title: Properties of the developing heart that mediate its biomechanical environment Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Gaudet, Rachelle PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Harvard University, Cambridge City/State: Cambridge, MA Project Title: Direct Identification of Druggable Sites in TRPA1 Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000
George, James MS, PhD
**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Mononuclear Phagocytes in Acute Kidney Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** $154,000

Ghebre, Yohannes PhD
**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** The PPARd/miR-146a Axis Protects against Endothelial Dysfunction and Prevents Atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** $154,000

Ghosh, Asish PhD
**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Acetyltransferase p300 in myofibroblast differentiation and cardiac fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** $154,000

Gigley, Jason BS, PhD
**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Wyoming **City/State:** Laramie, WY **Project Title:** Dissecting development of NK cell immune exhaustion promoting responses in chronic T. gondii infection **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** $154,000

Gingras, Alexandre BSC, MSc
**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Regulation of endothelial cell junctions: Structural biology of Rasip1 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** $140,000

Gohil, Vishal PhD
**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas A&M University, College Station **City/State:** College Station, TX **Project Title:** Correcting mitochondrial defects in Barth syndrome models by targeting phosphatidylethanolamine metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** $154,000

Goldfinger, Lawrence PhD, BSC
**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:**
Philadelphia, PA  **Project Title:** Regulation of platelet function by the TC21-RhoG nexus  **Award Start Date:** 1/1/2016  **Award End Date:** 12/31/2017  **Total Years:** 2  **Total Award Amount:** $154,000

**Gomes, Aldrin PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of California, Davis  
**City/State:** Davis, CA  
**Project Title:** Role of reactive oxygen species in NSAID induced cardiotoxicity  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Gong, Yanqing PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** University of Pennsylvania  
**City/State:** Philadelphia, PA  
**Project Title:** Role of Vesselin in Vascularization and Tissue Repair  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Gooch, Keith PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** The Ohio State University  
**City/State:** Columbus, OH  
**Project Title:** Mechanical regulation of cardiac fibroblasts phenotype  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Goodman, Joel PhD, BA**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX  
**Project Title:** A molecular understanding of the function of perilipin  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $140,000

**Goukassian, David MD PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Temple University  
**City/State:** Philadelphia, PA  
**Project Title:** TNF-TNFR1 signaling inhibition for stem cell-based myocardial repair and regeneration  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Graham, Linda MD, OTR**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Cleveland Clinic Foundation  
**City/State:** Cleveland, OH  
**Project Title:** HDL Blocks TRPC5 Activation and Preserves Endothelial Cell Migration  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Grossfeld, Paul MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, San Diego City/State: La Jolla, CA Project Title: the role of ETS-1 in the neural crest in cardiac development and disease Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Grotta, James MD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Memorial Hermann Hospital City/State: Houston, TX Project Title: BEnefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Groves, Alan MB ChB, MD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Weill Medical College of Cornell University City/State: New York, NY Project Title: Research Proposal: Delineating the Triggers and Impact of Pathologic Cardiac Remodeling following Premature Birth Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $146,410

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

Gumina, Richard PhD, MD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Nucleotidases in atherothrombosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Gumz, Michelle PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Florida, Gainesville City/State: Gainesville, FL Project Title: Blood pressure regulation by Per1 and the kidney clock Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Guo, Austin PhD, BS
Program Type: Grant-in-Aid Funding Source: Founders Institution: New York Medical College City/State: Valhalla, NY Project Title: 20-HETE in Regulation of Ischemia-induced Neovascularization Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Gupta, Rana PhD
Program Type: Grant-in-Aid  
Funding Source: Southwest  
Institution: University of Texas Southwestern Medical Center  
City/State: Dallas, TX  
Project Title: Unlocking the Thermogenic Potential of White Adipose Tissue to Combat Obesity and Cardiometabolic Disease  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

Gupta, Sudhiranjan PhD
Program Type: Grant-in-Aid  
Funding Source: Southwest  
Institution: Texas A&M University System Health Science Center, Temple  
City/State: Temple, TX  
Project Title: Molecular characterization of a novel miRNA: miR-1954 in cardiac remodeling  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Gupte, Sachin MD PhD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: New York Medical College  
City/State: Valhalla, NY  
Project Title: G6PD and PKG in Pulmonary Hypertension  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Halliwill, John PhD
Program Type: Grant-in-Aid  
Funding Source: Western States  
Institution: University of Oregon, Eugene  
City/State: Eugene, OR  
Project Title: Exercise, Inflammation, and Histamine  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Halushka, Marc BS, MD PhD
Program Type: Grant-in-Aid  
Funding Source: Mid-Atlantic  
Institution: Johns Hopkins University School of Medicine  
City/State: Baltimore, MD  
Project Title: Profiling Intercalated Disc Components in Arrhythmogenic Cardiomyopathy  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

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

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

Heathcock, Jill MPT, PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: The Ohio State University City/State: Columbus, OH Project Title: Informing developmental screening and evaluation procedures for young infants with complex congenital heart defects Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $148,319

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

Herter, Troy PhD, BS
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: University of South Carolina, Columbia City/State: Columbia, SC Project Title: Abnormal Visual Search And Motor Function In Stroke Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Hillgartner, Frank BS, MS
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: West Virginia University, Morgantown City/State: Morgantown, WV Project Title: Novel Mechanisms Controlling the Expression of FGF21, a Hepatokine That Reverses Metabolic Syndrome Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Hinman, Jason MD PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Los Angeles City/State: Los Angeles, CA Project Title: The role of IL-17B/CXCL5 in metabolic syndrome-induced white matter stroke Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Hoffman, Brenton PhD, BS
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Duke University Durham City/State: Durham, NC Project Title: Visualizing and Elucidating Mechanisms of Mechanotransduction in Vascular Smooth Muscle Cells Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000
Hoffman, Maureane BS, MD PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Duke University Medical Center  
**City/State:** Durham, NC  
**Project Title:** Understanding the loss of perivascular tissue factor during wound healing  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hoffman, Robert BS, MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Nationwide Children's Hospital  
**City/State:** Columbus, OH  
**Project Title:** Complement and Cardiometabolic Risk in Adolescents  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hong, Mee Young PhD, MS  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** San Diego State University Research Foundation  
**City/State:** San Diego, CA  
**Project Title:** Effects of Mixed Nut Consumption on Satiety and Weight Management  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hoshyima, Masahiko PhD, MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of California, San Diego  
**City/State:** La Jolla, CA  
**Project Title:** Junctophilin and couplon regeneration in heart failure  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $140,000

Hu, Kejin MSc, PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Alabama at Birmingham  
**City/State:** Birmingham, AL  
**Project Title:** Transcriptional resistance to cardiac reprogramming and transcriptional regulation of cardiac fibroblasts  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Huang, Suming PhD, BS  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** The role of lincRNA in heart development  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Huang, Yufeng PhD, MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of Utah  
**City/State:** Salt Lake City, UT  
**Project Title:** Profibrotic mechanism(s) of prorenin in cardiac and renal fibrosis  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $140,000
Huo, Yuqing MD, MS
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Augusta University
City/State: Augusta, GA Project Title: Myeloid PFKFB3 in atherosclerosis Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Hutson, Mary PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Duke University Durham City/State: Durham, NC Project Title: Activation of thermosensitive TRPV channels in neural crest cells induces maternal fever-associated heart defects Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $148,687

Islam, Mohammad PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Columbia University, New York City/State: New York, NY Project Title: Mitochondrial mechanisms regulating acute lung injury Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $198,000

Jakubowski, Hieronim PhD, DSc
Program Type: Grant-in-Aid Funding Source: Founders Institution: Rutgers, The State University of New Jersey, RBHS City/State: New Brunswick, NJ 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

Jensen, Brian MD, BA
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: University of North Carolina, Chapel Hill City/State: Chapel Hill, NC Project Title: Metabolic mechanisms of cardioprotection through alpha-1A adrenergic receptor activation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Ji, Hong-Long MD, DSc
Program Type: Grant-in-Aid Funding Source: Southwest Institution: The University of Texas Health Science Center at Tyler City/State: Tyler, TX Project Title: TARGETING ENACs BY PARACRINE IN CELL THERAPY OF PULMONARY EDEMA Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $140,000

Jiao, Kai MD, PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Alabama at Birmingham City/State: Birmingham, AL Project Title: Epigenetic regulation of heart development
Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Jimenez, Veronica MS, MS
Program Type: Grant-in-Aid Funding Source: Western States Institution: California State University, Fullerton City/State: Fullerton, CA Project Title: Mechanisms of mechanosensation in the human parasite Trypanosoma cruzi Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $153,993

Jin, Zheng Gen PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: University of Rochester Medical Center City/State: Rochester, NY Project Title: Fluid shear stress signaling and atherogenesis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Johnson, Rajasingh PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Kansas Medical Center City/State: Kansas City, KS Project Title: Molecular Recapitulation of Noonan Syndrome in iPSC-derived Cardiomyocytes Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Jourdheuil, David PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Albany Medical Center City/State: Albany, NY Project Title: Functions of Cytoglobin during Programed Cell Death and Vascular Remodeling Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Kahn, Andrew PhD, MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, San Diego City/State: La Jolla, CA Project Title: Risk of Intraventricular Thrombus Formation Based on Blood Stasis Quantification Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Kalifa, Jerome BS, MD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Rhode Island Hospital City/State: Providence, RI Project Title: Cardiac Nerve-specific Photodynamic Mapping and Ablation for Cardiac Arrhythmias Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Kanaporis, Giedrius BS, MS
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: Rush University Medical Center  
City/State: Chicago, IL  
Project Title: Alternans in Atria: The Role of Action Potential Morphology  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

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

Kasahara, Hideko PhD, MD
Program Type: Grant-in-Aid  
Funding Source: Greater Southeast  
Institution: University of Florida, Gainesville  
City/State: Gainesville, FL  
Project Title: A novel role of myosin light chain kinase: associating with alpha-actinin at Z-disc  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

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

Kelley, George BS, MSc
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: West Virginia University - Health Sciences Center  
City/State: Morgantown, WV  
Project Title: Exercise and Adiposity in Overweight and Obese Children and Adolescents: A Network Meta-Analysis  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Kelm, Jr., Robert PhD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: University of Vermont, Burlington  
City/State: Burlington, VT  
Project Title: Role of PURB in Controlling the Phenotypic Plasticity of Vascular Smooth Muscle Cells  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

Kenagy, Richard PhD
Program Type: Grant-in-Aid  
Funding Source: Western States  
Institution: University of Washington, Seattle  
City/State: Seattle, WA  
Project Title: Human Venous Progenitor Cells in Vein Graft Failure  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000
Kern, Christine PhD  
Program Type: Grant-in-Aid  Funding Source: Mid-Atlantic  Institution: Medical University of South Carolina  City/State: Charleston, SC  Project Title: Requirement of the ECM protease ADAMTS5 during development of the ascending aorta  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

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

Khasawneh, Fadi BSC, PhD  
Program Type: Grant-in-Aid  Funding Source: Southwest  Institution: University of Texas, El Paso  City/State: El Paso, TX  Project Title: Investigating the Role of The Regulator of G-Protein Signaling 16 in Platelet Function  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

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

Kheradvar, Arash MD, PhD  
Program Type: Grant-in-Aid  Funding Source: Western States  Institution: University of California, Irvine  City/State: Irvine, CA  Project Title: Assessing the Risk of Transcatheter Heart Valve Calcification and Biomechanical Failure  Award Start Date: 7/1/2016  Award End Date: 6/30/2018  Total Years: 2  Total Award Amount: $154,000

Khundmiri, Syed BS, MS  
Program Type: Grant-in-Aid  Funding Source: Mid-Atlantic  Institution: Howard University, Washington, DC  City/State: Washington, DC  Project Title: Role of Age and Angiotensin II in ouabain-induced blood pressure  Award Start Date: 7/1/2016  Award End Date: 6/30/2018  Total Years: 2  Total Award Amount: $154,000

Kiani, Mohammad PhD  
Program Type: Grant-in-Aid  Funding Source: Great Rivers  Institution: Temple University  City/State:
Philadelphia, PA  Project Title: A biomimetic assay for rapid screening of novel anti-inflammatory therapeutics  Award Start Date: 7/1/2016  Award End Date: 6/30/2018  Total Years: 2  Total Award Amount: $154,000

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

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

King, Samantha PhD  
Program Type: Grant-in-Aid  Funding Source: Great Rivers  Institution: Nationwide Children's Hospital  City/State: Columbus, OH  Project Title: The role of a serine rich repeat protein required for binding multiple carbohydrates in Streptococcus oralis endocarditis  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

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

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

Konhilas, John PhD, MS  
Program Type: Grant-in-Aid  Funding Source: Western States  Institution: University of Arizona, Tucson  City/State: Tucson, AZ  Project Title: Angiotensin II-mediated hypertension in mice with ovarian failure  Award Start Date: 7/1/2016  Award End Date: 6/30/2018  Total Years: 2  Total Award Amount: $153,982
Kontos, Christopher MD
Program Type: Grant-in-Aid
Funding Source: Mid-Atlantic
Institution: Duke University Durham
City/State: Durham, NC
Project Title: A Novel Molecular Regulator of Vascular Homeostasis
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

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

Krogsgaard, Michelle PhD
Program Type: Grant-in-Aid
Funding Source: Founders
Institution: NYU Medical Center
City/State: New York, NY
Project Title: The role of T-cell maturation related signaling pathways in antigen sensitivity of T-cells
Award Start Date: 7/1/2015
Award End Date: 6/30/2018
Total Years: 3
Total Award Amount: $198,000

Kulmacz, Richard PhD
Program Type: Grant-in-Aid
Funding Source: Southwest
Institution: The University of Texas Health Science Center at Houston
City/State: Houston, TX
Project Title: Cytochrome b Reductase 1 (CYBRD1) and Erythrocyte Antioxidant Defenses
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

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

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

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

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

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

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

Lee, Craig PharmD, PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: University of North Carolina, Chapel Hill City/State: Chapel Hill, NC Project Title: Novel Biomarkers of Eicosanoid Metabolism in Coronary Artery Disease Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Lee, Samuel PhD, MD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Biomedical Research Institute of New Mexico City/State: Albuquerque, NM Project Title: Intracellular pH homeostasis in Candida albicans filamentation and virulence Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $152,460

Li, Faqian PhD, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN 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
Li, Qingjie PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: The University of Texas Medical Branch City/State: Galveston, TX Project Title: Epigenetic regulation of myosin light chain by colitis in myocardium Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

Lichtman, Judith PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: Post-Acute Care Services and Outcomes Among Elderly Stroke Patients Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

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

Liu, Peiying PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: A one-stop-shop scheme for hemodynamic
imaging in cerebrovascular diseases

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

**Liu, Zheng PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Wadsworth Center, Albany  
**City/State:** Albany, NY  
**Project Title:** Localization and Interaction of Domain Atomic Structures in Cardiac Ryanodine Receptor  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2017  
**Total Years:** 3  
**Total Award Amount:** $198,000

**Liu, Yu MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Houston, Houston  
**City/State:** Houston, TX  
**Project Title:** Molecular mechanisms of miR-322/503 in regulating cardiomyocyte fate determination  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $140,000

**Liu, Zhiping PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX  
**Project Title:** FoxO4-regulated post-myocardial infarction left ventricular remodeling  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Liu, Qinglian PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Virginia Commonwealth University, Richmond  
**City/State:** Richmond, VA  
**Project Title:** Characterizing the unique substrate binding activity of HSP110S, key molecular chaperones in cardiovascular protection  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Liu, Bo PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Midwest  
**Institution:** University of Wisconsin, Madison  
**City/State:** Madison, WI  
**Project Title:** Thrombospondin-1 and Pathogenesis of Abdominal Aortic Aneurysm  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Lopes, Coeli PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** University of Rochester Medical Center  
**City/State:** Rochester, NY  
**Project Title:** Statin therapy in inherited and drug-induced Long QT syndrome  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Lovering, Andrew PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Oregon, Eugene City/State: Eugene, OR Project Title: Does patent foramen ovale closure improve exercise capacity & prevent blood flow through intrapulmonary shunt? Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Lucas, Alexandra MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Arizona State University, Tempe City/State: Tempe, AZ Project Title: Regulating Glycosaminoglycans in Transplant Vascular Disease and Chronic Rejection Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Lukac, David BS, PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Rutgers, The State University of New Jersey, RBHS City/State: New Brunswick, NJ 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

Luther, James MS, MD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Urinary sodium channels and diuretic response in acute heart failure Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Lutz, Carol BS, PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Rutgers, The State University of New Jersey, RBHS City/State: New Brunswick, NJ 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

Ma, Rong PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: I-mfa, a potential therapeutic target of diabetic nephropathy Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Ma, Ke PhD, MD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Baylor College of Medicine, Houston City/State: Houston, TX Project Title: Circadian clock control of thermogenic brown and beige
fat function **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** $154,000

**Maitre, Nathalie MA, PhD**
**Program Type:** Grant-in-Aid  **Funding Source:** Great Rivers  **Institution:** Nationwide Children's Hospital  **City/State:** Columbus, OH  **Project Title:** Randomized controlled trial to Improve Oral Feeding Outcomes in Infants with Complex Congenital heart disease using Paci  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $153,799

**Mallipattu, Sandeep BS, MD**
**Program Type:** Grant-in-Aid  **Funding Source:** Founders  **Institution:** SUNY, Stony Brook  **City/State:** Stony Brook, NY  **Project Title:** Krüppel-Like Factor 15 is critical to the identification of novel therapeutics in chronic kidney disease  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $154,000

**Maloyan, Alina PhD**
**Program Type:** Grant-in-Aid  **Funding Source:** Western States  **Institution:** Oregon Health & Science University, Portland  **City/State:** Portland, OR  **Project Title:** Mechanisms linking maternal obesity to dysregulation of autophagy and metabolism in placenta  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $154,000

**Mani, Venkatesh PhD**
**Program Type:** Grant-in-Aid  **Funding Source:** Founders  **Institution:** Icahn School of Medicine at Mount Sinai  **City/State:** New York, NY  **Project Title:** Cardiovascular Safety of E-Cigarettes assessed by PET/MRI  **Award Start Date:** 1/1/2017  **Award End Date:** 12/31/2018  **Total Years:** 2  **Total Award Amount:** $154,000

**Mano, Itzhak BA, MA**
**Program Type:** Grant-in-Aid  **Funding Source:** Founders  **Institution:** City University of New York, City College  **City/State:** New York, NY  **Project Title:** Transcriptional Signaling Cascades of Neuroprotection in Nematode Excitotoxicity  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $154,000

**Markwald, Roger**
**Program Type:** Grant-in-Aid  **Funding Source:** Mid-Atlantic  **Institution:** Medical University of South Carolina  **City/State:** Charleston, SC  **Project Title:** Turning Etiological Discoveries into Remedial Therapies for Heart Valve Defects  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $154,000
Maron, Bradley BA, MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Brigham & Women's Hospital  
**City/State:** Boston, MA  
**Project Title:** Network Analysis: NEDD9 regulates maladaptive vascular fibrosis to promote pulmonary arterial hypertension  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $197,997

Massaro, An MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Children's Research Institute, Washington, DC  
**City/State:** Washington, DC  
**Project Title:** Novel measures of dysfunctional cerebrovascular autoregulation as biomarkers of brain injury in perinatal HIE  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $153,258

Mcfetridge, Peter PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** Vascular Tissue Re-Construction Using Novel Perfusion Conditions  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $153,998

McLaughlin, Tracey MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Stanford University School of Medicine, Palo Alto  
**City/State:** Palo Alto, CA  
**Project Title:** Adaptive Immune Response in Visceral and Subcutaneous Fat: Role in Human Insulin Resistance  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Mears, Jason PhD, BS  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Case Western Reserve University  
**City/State:** Cleveland, OH  
**Project Title:** The Molecular Mechanism of Mitochondrial Fission  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Mestroni Sbaizero, Luisa MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Colorado Denver  
**City/State:** Denver, CO  
**Project Title:** Cellular biomechanics in arrhythmogenic cardiomyopathy due to PKP2, LMNA and FLNC gene mutations  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Meszaros, J Gary PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Northeast Ohio Medical University  
**City/State:** Rootstown, OH  
**Project Title:** Mechanisms of cardioprotection by type VI
collagen ablation Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Meyer, Andrew BS, MS
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Texas Health Science Center at San Antonio City/State: San Antonio, TX Project Title: Coagulation Complications of CardioPulmonary bypass (C-3PO Study) Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Miano, Joseph PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: University of Rochester Medical Center City/State: Rochester, NY Project Title: CRISPR Editing of the SRF-Myocardin Transcriptional Switch Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Miao, Qing PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Medical College of Wisconsin City/State: Milwaukee, WI Project Title: Role of Nogo-B receptor in the pathogenesis of cerebral cavernous malformation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Michaely, Peter PhD, BS
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Texas Southwestern Medical Center City/State: Dallas, TX Project Title: Differential endosomal sorting of LDLR by ARH and dab2 Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Minson, Christopher MS, PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Oregon, Eugene City/State: Eugene, OR Project Title: Heat Therapy to Improve Cardiovascular Health in Spinal Cord Injury Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Mofrad, Mohammad PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Berkeley City/State: Berkeley, CA Project Title: Computer Models of Calcific Aortic Stenosis Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $139,320
Montasser, May BS, MS
Program Type: Grant-in-Aid
Funding Source: Mid-Atlantic
Institution: University of Maryland, Baltimore
City/State: Baltimore, MD
Project Title: Identification and characterization of a novel LDL lowering locus on a founder population.
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

Morrow, John BS, MD
Program Type: Grant-in-Aid
Funding Source: Founders
Institution: Columbia University, New York
City/State: New York, NY
Project Title: Mechanisms of arrhythmia induced by high-fat diet
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

Morton, Richard PhD
Program Type: Grant-in-Aid
Funding Source: Great Rivers
Institution: Cleveland Clinic Foundation
City/State: Cleveland, OH
Project Title: Modification of CETP function as a novel therapeutic paradigm
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

Mourkioti, Foteini PhD, BA
Program Type: Grant-in-Aid
Funding Source: Great Rivers
Institution: University of Pennsylvania
City/State: Philadelphia, PA
Project Title: Cardiomyocyte telomere dysfunction in the progression of dystrophic cardiomyopathy
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

Murray, Katherine MD
Program Type: Grant-in-Aid
Funding Source: Greater Southeast
Institution: Vanderbilt University
City/State: Nashville, TN
Project Title: Mutant atrial natriuretic peptide: A novel mediator of atrial arrhythmia susceptibility
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

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

Neher, Saskia BS, PhD
Program Type: Grant-in-Aid
Funding Source: Mid-Atlantic
Institution: University of North Carolina, Chapel Hill
City/State: Chapel Hill, NC
Project Title: Mechanisms of Lipase Folding and Quality Control
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000
**Newcomer, Marcia PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Louisiana State University, Baton Rouge  
**City/State:** Baton Rouge, LA  
**Project Title:** Cellular mechanism of a lipoxygenase implicated in foam cell development  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Newport, Elissa PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Georgetown University  
**City/State:** Washington, DC  
**Project Title:** Language, neural reorganization, and functional outcomes after perinatal stroke  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Nicoli, Stefania PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Yale University  
**City/State:** New Haven, CT  
**Project Title:** Hemodynamics Control of Artery Muscularization and Innervation  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $153,467

**Nicosia, Roberto MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Seattle Institute for Biomedical and Clinical Research  
**City/State:** Seattle, WA  
**Project Title:** Effect of Moderate Hyperoxia on Neovessel Stability in Human Atherosclerosis-induced Angiogenesis  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Offner, Halina MSc, DMSc**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Oregon Health & Science University, Portland  
**City/State:** Portland, OR  
**Project Title:** Effect of anti-PDL1/PDL2 antibodies in experimental stroke  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Oka, Shinichi PhD, MS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Rutgers, The State University of New Jersey, RBHS  
**City/State:** New Brunswick, NJ  
**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

**Okumura, Cheryl BA, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Occidental College, Los Angeles  
**City/State:** Los Angeles, CA  
**Project Title:** Persistence of Group A Streptococcus in
macrophage phagosomes: new targets for therapy Award Start Date: 1/1/2017 Award End Date: 3/31/2019 Total Years: 2 Total Award Amount: $147,917

Olzmann, James BS, PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Berkeley City/State: Berkeley, CA Project Title: The cell biology of lipid droplets: Regulation of lipid and energy homeostasis Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Orihuela, Carlos PhD
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: University of Alabama at Birmingham City/State: Birmingham, AL Project Title: Caspase-associated necroptosis of cardiomyocytes Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

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

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

Pan, Xiaoyue PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Winthrop University Hospital City/State: Mineola, NY Project Title: Role of Macrophage Bmal1 in Cholesterol efflux and Atherosclerosis Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Panepinto, John PhD, BS
Program Type: Grant-in-Aid Funding Source: Founders Institution: Research Foundation of SUNY City/State: Amherst, NY Project Title: Control of Host-Induced C. neoformans Morphogenesis by Protein Arginine Methylation Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Park, Daewon BS, MS
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Colorado Denver
City/State: Denver, CO Project Title: Engineered biomimetic injectable system towards cardiac repair
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Parra, Karlett PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of New Mexico - Health Sciences Center City/State: Albuquerque, NM Project Title: V-ATPase-dependent TORC1 Regulation in Yeast: The role of PI3,5P2 Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Patel, Snehal BS, MD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Albert Einstein College of Medicine City/State: Bronx, NY Project Title: Mucosal Vascular Alterations during Heart Failure and Continuous Flow LVAD Support Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $151,860

Pavlov, Evgeny PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: New York University City/State: New York, NY Project Title: Molecular composition of the mitochondrial permeability transition pore Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000

Pearce, David MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, San Francisco City/State: San Francisco, CA Project Title: SGK1 crosstalk with Akt in the regulation of blood pressure and glucose metabolism Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Pfister, Sandra PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Medical College of Wisconsin City/State: Milwaukee, WI Project Title: Estrogen and 15-HETE in Modulation of Vascular Function Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $143,000

Platt, Manu PhD, BS
Program Type: Grant-in-Aid Funding Source: Greater Southeast Institution: Georgia Tech Research Corporation City/State: Atlanta, GA Project Title: Mechanisms for and prevention of large artery
damage due to sickle cell disease  

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

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**Plow, Ela PhD, PT**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Cleveland Clinic Foundation  
**City/State:** Cleveland, OH  
**Project Title:** Novel brain stimulation therapies in Stroke guided by expressions of plasticity  
**Award Start Date:** 1/1/2016  **Award End Date:** 12/31/2017  **Total Years:** 2  **Total Award Amount:** $154,000

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**Pochynyuk, Oleh PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** The University of Texas Health Science Center at Houston  
**City/State:** Houston, TX  
**Project Title:** Flow dependent TRPV4-mediated [Ca2+]i signaling in PKD progression  
**Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $154,000

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

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

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**Rachek, Lyudmila PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of South Alabama, Mobile  
**City/State:** Mobile, AL  
**Project Title:** Defining role of mitochondrial DNA damage and repair in the obesity and insulin resistance  
**Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2018  **Total Years:** 2  **Total Award Amount:** $154,000

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**Rade, Jeffrey MD, BS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** University of Massachusetts Medical School  
**City/State:** Worcester, MA  
**Project Title:** Inhibition of non-platelet thromboxane generation  
**Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $154,000
Radhakrishnan, Ishwar PhD, BS
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Northwestern University, Evanston City/State: Evanston, IL Project Title: Biochemical and Structural Studies of the Sin3L/HDAC Complex Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Radice, Glenn PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Thomas Jefferson University City/State: Philadelphia, PA Project Title: Alpha-Catenins in Mechanochemical Signaling Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Raffai, Robert PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, San Francisco City/State: San Francisco, CA Project Title: Hyperglycemia Dysregulation of MicroRNA in Myeloid cells: Impact on Atherosclerosis Regression Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

Ragolia, Louis PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Winthrop University Hospital City/State: Mineola, NY Project Title: The Effects of Sleeve Gastrectomy on Cardiovascular Disease associated with Diabetes and Obesity Award Start Date: 1/1/2015 Award End Date: 12/31/2017 Total Years: 3 Total Award Amount: $198,000

Rajagopal, Sudarshan MD PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Duke University Medical Center City/State: Durham, NC Project Title: Beta-Arrestin Regulation of VEGFR3 Signaling in Pulmonary Hypertension Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Rajaram, Murugesan PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: The Ohio State University City/State: Columbus, OH Project Title: Role of miR155 and HSF-1 in cardiac inflammation and dysfunction in sepsis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Raman, Priya PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Northeast Ohio Medical University City/State: Rootstown, OH Project Title: Targeting OGT in diabetic vascular disease Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000
Ramaswamy, Sharan PhD  
Program Type: Grant-in-Aid  
Funding Source: Greater Southeast
Institution: Florida International University, Miami
City/State: Miami, FL
Project Title: Bioscaffold mitral valve replacement permitting somatic growth and remodeling
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

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

Rauova, Lubica MD, PhD  
Program Type: Grant-in-Aid  
Funding Source: Great Rivers
Institution: The Children's Hospital of Philadelphia
City/State: Philadelphia, PA
Project Title: Effect of synthetic cationic inhibitors on pathogenesis of HIT
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Raval, Ami PhD, MPH  
Program Type: Grant-in-Aid  
Funding Source: Greater Southeast
Institution: University of Miami, Miami
City/State: Coral Gables, FL
Project Title: Nicotine alters brain oxidative metabolism and exacerbates ischemic brain damage
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

Rea, Thomas MD, MPH  
Program Type: Grant-in-Aid  
Funding Source: Western States
Institution: University of Washington, Seattle
City/State: Seattle, WA
Project Title: Brain Oximetry during Cardiac Arrest
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

Reddy, Sushma MBBS  
Program Type: Grant-in-Aid  
Funding Source: Western States
Institution: Stanford University School of Medicine, Palo Alto
City/State: Palo Alto, CA
Project Title: MicroRNA-21 is a Biomarker for Right Ventricular Fibrosis and the Progression to Systolic Heart Failure in Right Ventric
Award Start Date: 7/1/2016
Award End Date: 6/30/2018
Total Years: 2
Total Award Amount: $154,000

Regal, Jean PhD  
Program Type: Grant-in-Aid  
Funding Source: Midwest
Institution: University of Minnesota, Minneapolis
City/State: Minneapolis, MN
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

Reiss, Allison MD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Winthrop University Hospital City/State: Mineola, NY Project Title: Methotrexate and cholesterol transport regulation: Impact of treatment regimen in diabetes and metabolic syndrome Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000

Rhee, Sung PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Arkansas for Medical Sciences, Little Rock City/State: Little Rock, AR Project Title: Beta adrenergic receptor-mediated vasodilation of cerebral collateral arteries Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Rickards, Caroline PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: A novel approach for improving cerebral tissue blood flow and oxygenation via pulsatile perfusion therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Ripplinger, Crystal PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Davis City/State: Davis, CA Project Title: Role of interleukin-1b in arrhythmogenesis following myocardial infarction Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Rivera, Gonzalo PhD, DVM
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Texas A&M University, College Station City/State: College Station, TX Project Title: Role of intimal stiffness in endothelial-mesenchymal transition and atherosclerosis progression Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Rizzo, Victor PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Temple University City/State: Philadelphia, PA Project Title: The role of endothelial caveolae in abdominal aortic aneurysm formation Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000
**Robinson, Prema PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Texas MD Anderson Cancer Center  
**City/State:** Houston, TX  
**Project Title:** Substance P antagonism for prevention of chemotherapy associated cardiotoxicity.  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Romero, Maritza MD, DSc**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Role of Growth Hormone Releasing Hormone (GHRH) receptor in diabetes-associated dyslipidemia  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

**Rothberg, Brad BS, MA**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Temple University  
**City/State:** Philadelphia, PA  
**Project Title:** Structural basis of BK channel activation  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Rubinow, Katya BA, MD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of Washington, Seattle  
**City/State:** Seattle, WA  
**Project Title:** Estrogen-mediated Remodeling of the HDL Particle  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Rubinstein, Jack MD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** University of Cincinnati  
**City/State:** Cincinnati, OH  
**Project Title:** TRPV2 agonism for improved cardiac function in patients with single ventricle physiology  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Rudic, Dan PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Vascular clock mechanisms in remodeling and atherosclerosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Ruppar, Todd BSN, MSN  
**Program Type:** Grant-in-Aid  
**Funding Source:** Midwest  
**Institution:** University of Missouri, Columbia  
**City/State:** Columbia, MO  
**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

Rutkowski, Joseph BS, MS  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** Texas A&M University Health Science Center  
**City/State:** College Station, TX  
**Project Title:** Adipose tissue lymphatic vessel functions in obesity  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

Sabri, Abdelkarim PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Temple University  
**City/State:** Philadelphia, PA  
**Project Title:** Protease activated receptor 4 and cardiac healing post myocardial infarction  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

Sahoo, Susmita PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City/State:** New York, NY  
**Project Title:** m6A Methylation of mRNA as a Novel Mechanism of Cardiac Repair by Human Stem Cell-Derived Exosomes  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Sainburg, Robert OTR, MS  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Pennsylvania State University, University Park  
**City/State:** University Park, PA  
**Project Title:** Remediation of the Non-Paretic Arm to
Improve Functional Independence in Chronic Stroke survivors Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $148,319

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

*Sato, Daisuke PhD, BS*
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of California, Davis City/State: Davis, CA Project Title: Multiscale Modeling of Cardiac Dynamics; How mechano-electric coupling promotes or suppresses cardiac arrhythmias Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

*Schopfer, Francisco PhD*
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Novel bioactive fatty acids in fish oil Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

*Schreihofer, Ann PhD*
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: Brain stem mechanisms for respiratory-related regulation of blood pressure in health and hypertension Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $140,000

*Scott, Daryl MD PhD*
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Baylor College of Medicine, Houston City/State: Houston, TX Project Title: The Role of SOX7 in Congenital Heart Defects Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

*Serysheva, Irina PhD, MS*
Program Type: Grant-in-Aid Funding Source: Southwest Institution: The University of Texas Health Science Center at Houston City/State: Houston, TX Project Title: Regulation of IP3R channel by calcium binding proteins Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

*Sethna, Christine BA, MEd*
Program Type: Grant-in-Aid Funding Source: Founders Institution: The Feinstein Institute for
Medical Research City/State: Manhasset, NY Project Title: Cardiovascular Disease Risk Factors in Children with Nephrotic Syndrome Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $198,000

Sharma, Ashish MBBS, PhD
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: University of Virginia, Charlottesville City/State: Charlottesville, VA Project Title: Protective role of stem cell-derived microvesicles and microRNAs in aortic aneurysms Award Start Date: 12/31/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Shi, Haifei MD, PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Miami University, Oxford City/State: Oxford, OH Project Title: Neural Mechanisms for Metabolic Regulation by Brain-Derived Neurotrophic Factor Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Shiva, Sruti PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Mechanisms of hemolysis induced mitochondrial regulation and platelet activation Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $154,000

Sieburth, Derek PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Southern California City/State: Los Angeles, CA Project Title: Neuronal control of the Oxidative Stress Response: Genetic Analysis of SKN-1/Nrf2 Activation by Neuroendocrine Signaling Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Silva, Jonathan MS, PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Washington University City/State: Saint Louis, MO 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

Singh, Prachi PhD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: Mayo Clinic, Rochester City/State: Rochester, MN 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
**Singh, Harpreet BSC, MSc**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Drexel University  
**City/State:** Philadelphia, PA  
**Project Title:** Role and Mechanism of Mitochondrial Chloride Intracellular Channel 5 in Cardioprotection  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Slusarski, Diane PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Midwest  
**Institution:** University of Iowa, Iowa City  
**City/State:** Iowa City, IA  
**Project Title:** Elucidating the Mechanisms of the McKusick-Kaufman syndrome gene MKKS/BBS6 in congenital heart disease  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Smuder, Ashley MS, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** Regulation of autophagy in chemotherapy-induced heart failure.  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Sobie, Eric PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City/State:** New York, NY  
**Project Title:** Intracellular and Intercellular variability in cardiac calcium release  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

**Sousa, Marcelo PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** University of Colorado, Boulder  
**City/State:** Boulder, CO  
**Project Title:** Novel antimicrobial targets against cardiovascular-disease-related pathogens  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**Stan, Radu MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Dartmouth College  
**City/State:** Hanover, NH  
**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

**Stanford, Stephanie PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** University of California, San Diego  
**City/State:** La Jolla, CA  
**Project Title:** Validation of LMPTP as a therapeutic target for heart
failure Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Stavrakis, Stavros MD, PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Oklahoma Health Sciences Center City/State: Oklahoma City, OK Project Title: Neuromodulation of inflammation to treat heart failure with preserved ejection fraction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Stecker, Eric MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Oregon Health & Science University, Portland City/State: Portland, OR Project Title: The impact of health insurance on sudden cardiac arrest prevention Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $152,408

Stein, James BS, MD
Program Type: Grant-in-Aid Funding Source: Midwest Institution: University of Wisconsin, Madison City/State: Madison, WI Project Title: Carotid Artery Displacement and Cardiovascular Disease Events: The Multi-Ethnic Study of Atherosclerosis Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $153,749

Stempien-Otero, April MD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Washington, Seattle City/State: Seattle, WA Project Title: Collagen Turnover in End-Stage Heart Failure Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Stockand, James BS, PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: University of Texas Health Science Center at San Antonio City/State: San Antonio, TX Project Title: Purinergic regulation of ENaC Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Suarez, Yajaira BS, PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: Exosomal transfer of regulatory RNAs by Macrophages. Role in Cell-to-Cell communication in obese adipose tissue. Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000
Sucosky, Philippe BS, MS
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Wright State University, Dayton City/State: Dayton, OH Project Title: IDENTIFICATION AND ASSESSMENT OF HEMODYNAMIC PREDICTORS OF BICUSPID AORTIC VALVE AORTOPATHY Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $153,997

Sunby, Paul PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Nevada, Reno City/State: Reno, NV 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

Summers, Scott PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Utah City/State: Salt Lake City, UT Project Title: Role of Portal Ceramides in Hepatic Steatosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Sun, Yvonne BS, PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Dayton City/State: Dayton, OH Project Title: Protective effects of short chain fatty acids against infective endocarditis Award Start Date: 1/1/2016 Award End Date: 12/31/2017 Total Years: 2 Total Award Amount: $154,000

Sun, Zheng PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: Baylor College of Medicine, Houston City/State: Houston, TX Project Title: Obesity-Epigenome Interaction in Heart Failure Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Suster, Michael PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Case Western Reserve University City/State: Cleveland, OH Project Title: A Dielectric Microsensor for Comprehensive Assessment of Blood Coagulation at the Point-of-Care Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,248

Symons, J David PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: University of Utah City/State: Salt Lake City, UT Project Title: Aging limits vascular autophagic flux and impairs endothelial cell nitric oxide generation Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000
Tallquist, Michelle PhD
Program Type: Grant-in-Aid  Funding Source: Western States  Institution: University of Hawaii  
City/State: Honolulu, HI  Project Title: Role of Tcf21 in cardiac fibroblasts  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Tang, Jiping MD
Program Type: Grant-in-Aid  Funding Source: Western States  Institution: Loma Linda University  
City/State: Loma Linda, CA  Project Title: ER-stress as a Therapeutic Target for Neonatal Hypoxia Ischemia  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

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

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

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

Taylor, Beth PhD, BS
Program Type: Grant-in-Aid  Funding Source: Founders  Institution: University of Connecticut, Storrs  
City/State: Storrs, CT  Project Title: Near Infrared Spectroscopy (NIRS) To Diagnose Statin-Associated Muscle Symptoms  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $153,955

Taylor, Anne PhD, BS
Program Type: Grant-in-Aid  Funding Source: Mid-Atlantic  Institution: University of North Carolina, Chapel Hill  
City/State: Chapel Hill, NC  Project Title: Molecular mechanisms triggering synaptic
remodeling following stroke  

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

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**Taylor-Clark, Thomas PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of South Florida, Tampa  
**City/State:** Tampa, FL  
**Project Title:** Cardiovascular disease-associated neuronal plasticity transforms pulmonary-cardiac reflexes to sympathoexcitation  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Terada, Naohiro MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** A Stem Cell Tactic to Promote Personalized Medicine in Hypertension  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Terentyev, Dmitry PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Rhode Island Hospital  
**City/State:** Providence, RI  
**Project Title:** Regulation of excitation and calcium homeostasis by SK channels in cardiac hypertrophy  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

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**Tereshchenko, Larisa MD, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Oregon Health & Science University, Portland  
**City/State:** Portland, OR  
**Project Title:** Global electrical heterogeneity and clinical outcomes  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Titus, Margaret BA, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Midwest  
**Institution:** University of Minnesota, Minneapolis  
**City/State:** Minneapolis, MN  
**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

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**Tortorella, Domenico BS, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Founders  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City/State:** New York, NY  
**Project Title:** Discovery and characterization of cytomegalovirus entry factors  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Tseng, Gea-Ny MPH, PhD  
Program Type: Grant-in-Aid  
Funding Source: Mid-Atlantic  
Institution: Virginia Commonwealth University, Richmond  
City/State: Richmond, VA  
Project Title: Control of Assembly between Alpha and Beta Subunits of K Channels in Adult Ventricular Myocytes  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

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

Van Leyen, Klaus PhD  
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: Massachusetts General Hospital  
City/State: Boston, MA  
Project Title: Investigating Novel Mechanisms for Increased Hemorrhage Following Ischemia  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Vannatta, Kathryn PhD  
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: Nationwide Children's Hospital  
City/State: Columbus, OH  
Project Title: Social, Emotional, and Academic Functioning of Youth with Congenital Heart Disease  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Veenstra, Richard PhD  
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: SUNY Upstate Medical University  
City/State: Syracuse, NY  
Project Title: Acetylation and modulation of the cardiac L-type Ca2+ current by HDAC inhibitors  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Vijayan, Vinod PhD  
Program Type: Grant-in-Aid  
Funding Source: Southwest  
Institution: Baylor College of Medicine, Houston  
City/State: Houston, TX  
Project Title: PP2B modulates RhoA activation and platelet function by targeting RhoGDI  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Visconti, Richard PhD, MA  
Program Type: Grant-in-Aid  
Funding Source: Mid-Atlantic  
Institution: Medical University of South Carolina  
City/State: Charleston, SC  
Project Title: A role for valve progenitor cells in post-infarction
remodeling of the mammalian mitral valve **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019  
**Total Years:** 2  **Total Award Amount:** $154,000

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

**Von Recum, Horst BA, ME**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Case Western Reserve University  
**City/State:** Cleveland, OH  
**Project Title:** Preventing Infection in Arteriovenous Grafts Through Drug Reloading  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

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

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

**Wang, Mong-Heng PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Interaction of sEH and angiotensin II in retinopathy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Wang, Qingjun PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** University of Kentucky, Lexington  
**City/State:** Lexington, KY  
**Project Title:** Novel roles of platelet autophagy  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

Wang, Jun MD, PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** Texas Heart Institute  
**City/State:** Houston, TX  
**Project Title:** Regulation of apoptosis inducing factor (AIF) activity in cardiomyocyte survival and death by SUMO conjugation  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Wang, Dachun MD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** The University of Texas Health Science Center at Houston  
**City/State:** Houston, TX  
**Project Title:** Modeling lung surfactant protein deficiencies with disease-specific hiPSC-ATIIcS  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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

Waxman, Joshua PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Cincinnati Children's Hospital Medical Center  
**City/State:** Cincinnati, OH  
**Project Title:** Molecular mechanisms determining atrial size  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Wedegaertner, Philip PhD  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** Thomas Jefferson University  
**City/State:** Philadelphia, PA  
**Project Title:** Mechanisms of localization and trafficking of GRK5 and GRK6  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Wei, Yinan BS, MS  
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: University of Kentucky, Lexington  
City/State: Lexington, KY  
Project Title: Role of E. coli ETT2 in endothelial disruption and sepsis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Weil, Zachary PhD, BS  
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: The Ohio State University  
City/State: Columbus, OH  
Project Title: Neurometabolic Vulnerability to Cerebral Ischemia after Traumatic Brain Injury  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Weinberg, Jason MD, BA  
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Michigan Medical Center  
City/State: Ann Arbor, MI  
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

Weiss, John PhD, MD  
Program Type: Grant-in-Aid  
Funding Source: Western States  
Institution: University of California, Irvine  
City/State: Irvine, CA  
Project Title: Intramitochondrial Zn2+ accumulation and the induction of ischemic neurodegeneration  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Weissgerber, Tracey BSC, MSc  
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: Mayo Clinic, Rochester  
City/State: Rochester, MN  
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

Wellman, George PhD  
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: University of Vermont, Burlington  
City/State: Burlington, VT  
Project Title: Regulation of blood flow by TRPV1 channels in arterial smooth muscle  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Wesley, Umadevi PhD  
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Wisconsin, Madison
**City/State:** Madison, WI  
**Project Title:** Galectin3 and mesenchymal stem cells mediated ischemic brain regeneration  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**White, Howard PhD, BS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Mid-Atlantic  
**Institution:** Eastern Virginia Medical School, Norfolk  
**City/State:** Norfolk, VA  
**Project Title:** Structure of Prepowerstroke Cardiac Actomyosin by Time-Resolved Cryo Electron Microscopy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Whiteheart, Sidney PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Great Rivers  
**Institution:** University of Kentucky, Lexington  
**City/State:** Lexington, KY  
**Project Title:** Platelet Endocytosis in Hemostasis and Innate Immunity  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Wright, Davene BS, PhD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Western States  
**Institution:** Seattle Children's Hospital  
**City/State:** Seattle, WA  
**Project Title:** Leveraging Incentives for Obesity Prevention  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $153,997

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**Wu, Huaizhu MD, MS**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** Baylor College of Medicine, Houston  
**City/State:** Houston, TX  
**Project Title:** ApoCIII, triglyceride-rich lipoproteins, and atherogenesis  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Wythe, Joshua PhD, BA**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Southwest  
**Institution:** Baylor College of Medicine, Houston  
**City/State:** Houston, TX  
**Project Title:** The Cellular Dynamics of Arteriovenous Specification  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

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**Xie, Zhonglin PhD, MD**  
**Program Type:** Grant-in-Aid  
**Funding Source:** Greater Southeast  
**Institution:** Georgia State University  
**City/State:** Atlanta, GA  
**Project Title:** Autophagy suppression and mitochondrial fission in endothelial cells  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Xie, Lai-Hua PhD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: Rutgers, The State University of New Jersey, RBHS  
City/State: New Brunswick, NJ  
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

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

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

Xu, Yong PhD, MSc
Program Type: Grant-in-Aid  
Funding Source: Southwest  
Institution: Baylor College of Medicine, Houston  
City/State: Houston, TX  
Project Title: Estrogen receptor-alpha neurons in the medial amygdala and blood pressure  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

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

Yamanouchi, Dai MD PhD
Program Type: Grant-in-Aid  
Funding Source: Midwest  
Institution: University of Wisconsin, Madison  
City/State: Madison, WI  
Project Title: Osteoclastogenic Macrophage Activation in Aortic Aneurysm  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Yang, Jenny PhD
Program Type: Grant-in-Aid  
Funding Source: Greater Southeast  
Institution: Georgia State University  
City/State: Atlanta, GA  
Project Title: Integration of calcium signaling by calcium-sensing receptor  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $153,612
Yang, Wei BS, MS
Program Type: Grant-in-Aid Funding Source: Mid-Atlantic Institution: Duke University Durham City/State: Durham, NC Project Title: ER stress response in recovery of brain function after cardiac arrest Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Yang, Lei PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: MicroRNA-126 Regulates Human Heart Development Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

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

Yin, Wei PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: SUNY, Stony Brook City/State: Stony Brook, NY Project Title: Altered flow changes thrombin generation rate Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

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

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

Yu, Guoqiang PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: University of Kentucky, Lexington City/State: Lexington, KY Project Title: Spatially Resolved Diffuse Correlation Spectroscopy for Cerebral Blood Flow Monitoring in Mouse Stroke Model Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000
Yue, Lixia PhD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: University of Connecticut, Farmington  
City/State: Farmington, CT  
Project Title: Elucidating Ca2+ signaling mechanisms in vascular pathogenesis of Marfan syndrome using patient-derived iPSC cells  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2018  
Total Years: 3  
Total Award Amount: $198,000

Zhan, Jixun BS, MS
Program Type: Grant-in-Aid  
Funding Source: Western States  
Institution: Utah State University  
City/State: Logan, UT  
Project Title: A novel biosynthetic approach to self-supply of cardioprotective natural products in the human body  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2017  
Total Years: 2  
Total Award Amount: $140,000

Zhang, Jian MS, MD
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: The Ohio State University  
City/State: Columbus, OH  
Project Title: Regulation of Autoimmune Myocarditis by Protein Ubiquitination  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2017  
Total Years: 2  
Total Award Amount: $154,000

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

Zhao, Li-Ru PhD, MD
Program Type: Grant-in-Aid  
Funding Source: Founders  
Institution: SUNY Upstate Medical University  
City/State: Syracuse, NY  
Project Title: Mechanistic determination of the therapeutic role of hematopoietic growth factors in CADASIL  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2018  
Total Years: 3  
Total Award Amount: $198,000

Zhao, Yutong MD, PhD
Program Type: Grant-in-Aid  
Funding Source: Great Rivers  
Institution: University of Pittsburgh  
City/State: Pittsburgh, PA  
Project Title: Protein stability regulates epigenetic modification in acute lung injury  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2018  
Total Years: 2  
Total Award Amount: $154,000

Zhao, Xue Qiao MD
Program Type: Grant-in-Aid  
Funding Source: Western States  
Institution: University of Washington, Seattle  
City/State: Seattle, WA  
Project Title: CAN PLAQUE CHARACTERISTICS AS ASSESSED
BY CAROTID MRI PREDICT SUBSEQUENT CARDIOVASCULAR EVENTS? Award Start Date: 7/1/2016 Award End Date: 6/30/2018 Total Years: 2 Total Award Amount: $153,909

Zheng, Wenjun PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Research Foundation of SUNY City/State: Amherst, NY Project Title: Decrypting the molecular mechanism of TRPV1 activation by multiscale simulation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Zhong, Jixin MD, PhD
Program Type: Grant-in-Aid Funding Source: Great Rivers Institution: Case Western Reserve University City/State: Cleveland, OH Project Title: DPP4-ADA interaction as a metaflammatory target in atherosclerosis therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Zhou, Rui PhD
Program Type: Grant-in-Aid Funding Source: Western States Institution: Sanford Burnham Prebys Medical Discovery Institute, La Jolla City/State: La Jolla, CA Project Title: Splicing Factor’microRNA Control of Cardiac Development and Function in Drosophila Award Start Date: 6/30/2018 Total Years: 2 Total Award Amount: $154,000

Zhou, Jiangbing PhD
Program Type: Grant-in-Aid Funding Source: Founders Institution: Yale University City/State: New Haven, CT Project Title: Glyburide-loaded nanoparticles for stroke treatment Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $198,000

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

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

Zhou, Ping PhD
Program Type: Grant-in-Aid Funding Source: Southwest Institution: The University of Texas Health
Science Center at Houston  City/State: Houston, TX  Project Title: Dexterous myoelectric control for improving hand function after stroke  Award Start Date: 7/1/2016  Award End Date: 6/30/2018  Total Years: 2  Total Award Amount: $154,000

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

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

Ziolo, Mark PhD
Program Type: Grant-in-Aid  Funding Source: Great Rivers  Institution: The Ohio State University  City/State: Columbus, OH  Project Title: Correcting nitroso-redox imbalance via EMEPO as a therapeutic for heart disease  Award Start Date: 1/1/2016  Award End Date: 12/31/2017  Total Years: 2  Total Award Amount: $154,000