

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

[ALABAMA](#) • [ALASKA\\*](#) • [ARIZONA](#) • [ARKANSAS\\*](#) • [CALIFORNIA](#) •  
[COLORADO](#) • [CONNECTICUT](#) • [DELAWARE](#) • [DISTRICT OF](#)  
[COLUMBIA](#) • [FLORIDA](#) •

*\*No current awardees*

ALABAMA

*Annamdevula, Naga Srilakshmi BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Spatial distribution of PDE4 isoforms regulates cAMP compartmentalization and endothelial barrier permeability in PMVECs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

ALABAMA

*Biancardi, Vinicia BA, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Auburn University **City:** Auburn **Project Title:** Ang II-TLR4 crosstalk promotes microglia activation and blood brain barrier disruption in neurogenic hypertension **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

ALABAMA

*Brahma, Manoja PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Regulation of Myocardial Ketone Body Oxidation Capacity by Increased Protein O-GlcNAcylation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

ALABAMA

*Calhoun, David MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Mechanisms of Nocturnal Hypertension and Non-Dipping Blood Pressure **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$100,4657

ALABAMA

*Chandler-Laney, Paula PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast  
**Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Intergenerational  
Transmission of Obesity in a Cohort of mother-child dyads **Award Start Date:** 4/1/2017 **Award End  
Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$101,0007

ALABAMA

*Chen, Liping BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of  
Alabama at Birmingham **City:** Birmingham **Project Title:** Regulation of A1R-mediated neuroprotection  
by neurabin/PTEN complex **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2  
**Total Award Amount:** \$103,328

ALABAMA

*Crowe-White, Kristi BS, MS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Greater Southeast  
**Institution:** University of Alabama, Tuscaloosa **City:** Tuscaloosa **Project Title:** Bioactive Compounds  
in Watermelon Modulating Oxidative Stress and Inflammation in Elders: The MOXIE Study **Award  
Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

ALABAMA

*Feng, Wenguang MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:**  
University of Alabama at Birmingham **City:** Birmingham **Project Title:** The Role of Transcription  
Factor ETS-1 in Arteriovenous Fistula Neointimal Hyperplasia **Award Start Date:** 7/1/2015 **Award End  
Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

ALABAMA

*Garvey, William Timothy MD, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast  
**Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** UAB Strategically  
Focused Obesity Center (SFOC): Intergenerational Transmission of Obesity **Award Start Date:** 4/1/2017  
**Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$798,061

ALABAMA

*Garvey, William Timothy MD, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast  
**Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Intergenerational  
Transmission of Obesity in Mouse Models of in Utero Stress **Award Start Date:** 4/1/2017 **Award End  
Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$971,156

ALABAMA

*George, James MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **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

ALABAMA

*Graham, Laura MPH*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Improving Participation and Reducing Acute Cardiovascular Hospitalizations with Weight Management (ReACH) **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,217

ALABAMA

*Graham, Sarah BS, MA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Interactions between posture and locomotion during poststroke walking **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Gutierrez, Orlando BS, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Impact of lowering phosphate additive intake on mineral metabolism and cardiovascular health in community-living adults **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$917,016

ALABAMA

*Harper, Lorie MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Intergenerational Transmission of Obesity: Antenatal Mother and Beyond Birth Offspring **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$929,976

ALABAMA

*Holdbrooks, Andrew BS, AS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Novel mechanism of TNFR1 regulation in

macrophage apoptosis and atherogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019  
**Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Hu, Kejin MSc, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **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

ALABAMA

*Irvin, Marguerite PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Genomics of lipidomic phenotypes in a postprandial intervention dietary study **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$306,553

ALABAMA

*Jain, Nishank MD, MPH*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Arkansas for Medical Sciences, Little Rock **City:** Little Rock **Project Title:** Effectiveness and Safety of Clopidogrel, Prasugrel and Ticagrelor in Patients with End Stage Renal Disease (ESCALATE) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

*Jiao, Kai MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **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

ALABAMA

*Joladarashi, Darukeshwara PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Kinases in stem cell-mediated repair in diabetic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

ALABAMA

*Kain, Vasundhara BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of

Alabama at Birmingham **City:** Birmingham **Project Title:** Role of Lipoxins in Resolution of Inflammation Following Myocardial Infarction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

ALABAMA

***Kannappan, Ramaswamy PhD***

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Transcription factor p53 controls the fate of cardiomyocyte differentiation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

***Lal, Charitharth MBBS, MD***

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** The role of pulmonary microbiome induced Ac-PGP in Bronchopulmonary Dysplasia and associated Pulmonary Hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

***Lever, Jeremie BS***

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Myeloid Expression of Heme Oxygenase-1 in the AKI to CKD Transition **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

***Lim, Steve PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** FAK REGULATION OF SMOOTH MUSCLE CELL PLASTICITY VIA EPIGENETIC CONTROL **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

ALABAMA

***Lipke, Elizabeth PhD, BS***

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Auburn University **City:** Auburn **Project Title:** Elucidation of Receptor-ligand Interactions Necessary to Support Endothelialization of Biomaterials Under Shear **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

ALABAMA

*McGinnis, Graham PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Circadian influence on protein synthesis and hypertrophic growth of the heart **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,704

ALABAMA

*Mondesir, Favel BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Exploring the relationship of pharmacy access and pharmacy density with cardiovascular medication adherence **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Muntner, Paul PhD, MHSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** University of Alabama at Birmingham Strategically Focused Hypertension Research Center **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$580,800

ALABAMA

*Muntner, Paul PhD, MHSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Racial Differences and US population estimates of Nocturnal Hypertension and Non-dipping **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$1,110,035

ALABAMA

*Orihuela, Carlos PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **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

ALABAMA

*Panwar, Bhupesh MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Targeting the Interactions Between Disordered Iron Homeostasis and Mineral Metabolism in Chronic Kidney Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

ALABAMA

*Parajuli, Nirmala DVM, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Arkansas for Medical Sciences, Little Rock **City:** Little Rock **Project Title:** Ubiquitin Proteasome System, Mitochondria, and Renal Cold Storage **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

*Pollock, Jennifer PhD*

**Program Type:** Mentor-AHA Mentee Award **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$45,000

ALABAMA

*Pollock, Jennifer PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Novel mechanisms of salt-sensitivity and diurnal blood pressure rhythm **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$1,013,708

ALABAMA

*Qu, Jing BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Mechanisms of matrix stiffness-regulated DSP expression in lung fibrosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

ALABAMA

*Rachek, Lyudmila PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **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

ALABAMA

*Rhee, Sung PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Arkansas for Medical Sciences, Little Rock **City:** Little Rock **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

ALABAMA

*Richter, Wito PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Regulation of PDE4 in heart failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

ALABAMA

*Shin, Boyoung BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Regulation of Th17 cell pathogenicity during atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Shrum, Stephen BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Arkansas for Medical Sciences, Little Rock **City:** Little Rock **Project Title:** Role of mitoBK channels in renal cold preservation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Turner, Emily BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Keratose as a Novel Drug Carrier for Drug Coated Balloons **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

ALABAMA

*Vasauskas, Audrey PhD*

**Program Type:** AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Greater Southeast **Institution:** Alabama College of Osteopathic Medicine **City:** Dothan **Project Title:** The Role of FKBP51 in Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$149,875

ALABAMA

*Xu, Xin PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** A Novel Mechanism of Pulmonary Hypertension Induced by the Matrikine Acetylated Proline-Glycine-Proline (Ac-PGP) **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000



ALABAMA

*Yang, Liu MD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** LncRNA in cardiac progenitor cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

ALABAMA

*Yazdani, Saami PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** A Novel Drug Delivery System to Treat Peripheral Arterial Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$306,599

ALABAMA

*Zhang, Hanyu MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Optical Mapping of Cardiac Electromechanics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Zhang, Yue MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Structural Elements Underlying the Neuroplastic Change Induced by Constraint-Induced Movement Therapy in Chronic Stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ALABAMA

*Zhu, Wuqiang*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Enhancing post-infarction myogenesis via transplantation of cyclin D2 expressing iPSC-derived cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ARIZONA

*Ambadapadi, Sriram BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Arizona State University, Tempe **City:** Tempe **Project Title:** Pyrin-like viral protein that co-inhibits both inflammasomes and NF- $\kappa$ B as a therapeutic to treat vascular inflammation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

ARIZONA

*Bailey, E Fiona PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Respiratory strength training mitigates hypertension and sleep fragmentation in obstructive sleep apnea **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

ARIZONA

*Chen, Cheng-Yu PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Structure and Stimulator Binding Mechanism of the Nitric Oxide Receptor, Soluble Guanylate Cyclase **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

ARIZONA

*Chu, Miensheng MS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Deciphering the role of the Fragile X family member, FXR1, in calcium homeostasis and cardiomyopathy **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,000

ARIZONA

*Harris, Samantha PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** The Spy-C method for in situ replacement of cMyBP-C in cardiac sarcomeres **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

ARIZONA

*Jacobsen, Nicole BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Phosphorylation-dependent regulation of Cx37-mediated vascular growth and remodeling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

ARIZONA

*Karnes, Jason BA, PharmD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Immunogenetics of Heparin-Induced Thrombocytopenia

**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ARIZONA

*Konhilas, John PhD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **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

ARIZONA

*Liu, Qiang PhD, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** St. Joseph's Hospital and Medical Center **City:** Phoenix **Project Title:** Autoreactive CD4+ T cells in Ischemic Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

ARIZONA

*Lucas, Alexandra MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Arizona State University, Tempe **City:** Tempe **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

ARIZONA

*Mi-Mi, Lei BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Deciphering thin filament length regulation: Leiomodrin 2, the cardiac thin filament elongation factor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

ARIZONA

*Nusayr, Eyad BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Elucidating the patho-mechanism of DCM in a mouse model with a titin isoform specific spring element deletion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

ARIZONA

*Rafikov, Ruslan PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Akt signaling in pulmonary hypertension **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

ARIZONA

*Tuladhar, Shraddha BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Determining how systemic and tissue immune responses are driven by strain-specific Toxoplasma effector proteins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ARIZONA

*Wales, Jessica BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Soluble Guanylate Cyclase: A Therapeutic Target for Cardiovascular Pathology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ARIZONA

*Yang, Yuanzhang BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Regulation of cardiac myosin binding protein-C (cMyBP-C) by calmodulin. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Abbott, Marcia BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Chapman University **City:** Orange **Project Title:** Role of interleukin-15 in reversing obesity-induced cardiovascular dysfunction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Adhikari, Arjun PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** The effect of pediatric specific hypertrophic cardiomyopathy mutations on beta cardiac myosin power generation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Agarwal, Anushree MBBS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Comorbidity, health care utilization and costs in US adults with congenital heart disease: A population based study **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

*Al alam, Denise PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Children's Hospital Los Angeles **City:** Los Angeles **Project Title:** Role of Rac1 in lung development **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Albert, Verena PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** An integrated approach to establish the role of the lipase DDHD2 in cardiovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 10/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

*Alexander, Jeffrey BA, BA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Probing the Role of Enhancer-Promoter Interaction Dynamics in Transcriptional Control **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Aliotta, Eric BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Cardiac Diffusion Weighted MRI for Infarct Evaluation Without Contrast **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Allison, Matthew BS, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** UCSD Strategically Focused Women's Cardiovascular Health Research Center **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$580,800

CALIFORNIA

*Anderson, Cheryl BA, MPH*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Use of stable carbon and nitrogen isotopes to improve dietary assessment for cardiovascular disease prevention **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$138,523

CALIFORNIA

*Andres, Allen PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Role of Mitophagy in Statin-Induced Skeletal Muscle Myopathy **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Ang, Yensin PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City:** San Francisco **Project Title:** Mechanisms of GATA4 Gene Regulation in Human Cardiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Angelini, Marina PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Targeting the late component of L-type Ca<sup>2+</sup> current as a novel antiarrhythmic strategy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Araujo, Jesus PhD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **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

CALIFORNIA

*Arrigoni, Cristina BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Structure-functional insights on temperature

and voltage dependence in voltage-gated channels **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

*Bastounis, Effie BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Biomechanical Alterations of Endothelial Cells Induced by Infectious Bacteria **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

CALIFORNIA

*Beckouche, Nathan PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** The essential role of Ephrin-B2 in preventing arteriovenous shunting **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Bensing, Barbara PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Differential recognition of sialoglycans by viridans group streptococci, and the role in infective endocarditis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Bensing, Steven VMD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **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

CALIFORNIA

*Bernstein, Daniel MD, BS*

**Program Type:** Collaborative Science Award **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$150,000

CALIFORNIA

*Bernstein, Kenneth MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **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

CALIFORNIA

**Bernstein, Daniel MD, BS**

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Identifying the Functional Consequences of Mitochondrial Heterogeneity **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

**Bethel, Neville BS**

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Understanding mechanisms of lipid scrambling and ion conduction in TMEM16 proteins **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

**Blackwood, Erik BS**

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City:** San Diego **Project Title:** The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

**Blaho, Victoria PhD**

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** Role of endothelial cell S1P receptor 1 over-expression in deterioration of the bone marrow stem cell niche **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

**Blau, Helen PhD, MA**

**Program Type:** Collaborative Science Award **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$450,000



CALIFORNIA

*Browne, Shane PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Growth factor-sequestering hydrogels for the promotion of iPSC-derived cell survival. **Award Start Date:** 7/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Calmettes, Guillaume BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Glutamate dehydrogenase as a novel signaling source of mitochondrial reactive oxygen species during cardiac precondition **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Cao, Zhijuan MD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Using optogenetic approaches to study thalamic degenerative injury after stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

*Carmichael, S Thomas MD PhD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** UCLA ASA-Bugher Foundation Stroke Collaborative Research Center **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018 **Total Years:** 4 **Total Award Amount:** \$2,416,000

CALIFORNIA

*Carmichael, S Thomas MD PhD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Discovery of Molecular Mechanisms of White Matter Repair after Stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

CALIFORNIA

*Castaneda, Sheila*

**Program Type:** Strategically Focused Research Network **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City:** San Diego **Project Title:** Biopsychosocial and Ecological Correlates of Latina Women's Sedentary Behavior **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$955,874

CALIFORNIA

*Cavallero, Carmen PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** MOLECULAR PATHWAYS FOR ORGAN SPECIFIC VASCULAR MATURATION **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Cervantes, Marlene BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Circadian Regulation of Antioxidant Enzymes: Effects on Cardiac Oxidative Stress **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Challis, Rosemary BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** California Institute of Technology, Pasadena **City:** Pasadena **Project Title:** Structural and functional mapping of the 'little brain' on the heart using optical and viral vector strategies **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

CALIFORNIA

*Chan, Liana PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Los Angeles Biomedical Research Institute, Harbor-UCLA Medical Center **City:** Torrance **Project Title:** Macrophage Programs in Defense Against MRSA Cardiovascular Infection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Chan, Michelle BSN*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Exploring the gut microbiota role in post-stroke depression and rehabilitation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Chavali, Srinivas Manideep PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** White Matter Injury in Congenital Heart

Disease: Oligodendrocytes at the Intersection of Development and Injury **Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

*Chavan, Tanmay PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Structural and Mechanistic Studies of CLC Transporters **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Chen, Peter BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **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

CALIFORNIA

*Chen, Ju PhD, MSc*

**Program Type:** Undergraduate Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** AHA Undergraduate Student Fellowship at UCSD **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

CALIFORNIA

*Cheng, Karen BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** The role of VASP clustering in regulating the actin cytoskeleton **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Cho, Yoshitake PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** The role of Perm1 in integrating and transducing contraction-induced signals to adaptive responses in skeletal muscle **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Chowdhury, Dhrubajyoti BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Role of alpha-actinin in Postsynaptic PSD-95 Localization and in Ischemia-induced Neuronal Damage **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Chung, Jae BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Mechanistic Dissection of the INO80 Chromatin Remodeler in Ventricular Compaction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Cooke, Daniel MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **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

CALIFORNIA

*Cowley, Patrick PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** NCIRE The Veterans Health Research Institute **City:** San Francisco **Project Title:** Failing RV Function is Rescued by Chronic Alpha-1A-Adrenergic Receptor Stimulation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Cramer, Steven MD, MSc*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** The home is the stroke clinic of the future **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Crane, Emily BA, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Identifying and characterizing RNA editing regulators in human coronary vascular cells. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,000

CALIFORNIA

*Crespo, Noe PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City:** San Diego **Project Title:** Community-academic partnership to promote cardiovascular health among underserved children and families **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$307,837

CALIFORNIA

*Crotty Alexander, Laura MD, BS*

**Program Type:** Beginning Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** E-cigarettes promote bacterial virulence and are toxic to airway and host defense cells **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Cunningham, Christine BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Sex differences in pulmonary hypertension: protection by the Y chromosome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*dela Pena, Ike PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Loma Linda University **City:** Loma Linda **Project Title:** G-CSF attenuates hemorrhagic transformation after delayed tPA treatment in ischemic stroke rats **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*DeMarco, Kevin BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Prediction of Antiarrhythmic Drug Access and Binding to Human Nav1.5 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Deo, Rahul PhD, MD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Transcriptional Heart Maps for Deciphering Mechanism in the Inherited Cardiomyopathies **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$148,326

CALIFORNIA

*Dimayuga, Paul BS, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** The Auto-immunome in Coronary Artery Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Dinh, Theresa Thanh BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Transcriptional Control of Endothelial Cell Subtype-Specific Expression of Coagulation Factor VIII **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Diop, Soda PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** Mechanisms of diet-induced diabetic cardiomyopathy in the Drosophila heart model **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Dixon, Rose BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Cardiac EC coupling: Many L-type Ca<sup>2+</sup> channels make sparks work. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Dobkin, Bruce MD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Feedback from daily activity sensing to enhance exercise for secondary prevention and rehabilitation after stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

CALIFORNIA

*Eghbali, Mansoureh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **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

CALIFORNIA

*Espin Palazon, Raquel BSc, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** ROLE OF PROGRANULIN: BREAKING DOWN THE PROINFLAMMATORY REQUIREMENT OF TNF SIGNALING IN HSC DEVELOPMENT **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Fan, Zhichao BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** La Jolla Institute for Allergy and Immunology **City:** San Diego **Project Title:** Molecular control of beta2 integrin activation, neutrophil adhesion and inflammation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Fan, Zhaoyang PhD, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Carotid Atherosclerotic Disease: 3D MRI Characterization of Vulnerable Plaque Features without Contrast Media **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Fang, Xi BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Cardiomyocytes protein quality control: the role of co-chaperone protein BAG3 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Fineman, Jeffrey MD*

**Program Type:** Mentor-AHA Mentee Award **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$45,000

CALIFORNIA

*Finley, James BS, MS*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** TESLA-Stroke: Transcutaneous Electrical Stimulation for Locomotor Ability after Stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Frank, Sarah BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Improved Processing of Color-Doppler Ultrasound Data for Assessment of Blood Flow in the Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Full, Kelsie BA, MPH*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Sleep and cardiovascular disease: a prospective examination of objectively measured sleep in a diverse cohort of women **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Galvez Santisteban, Manuel PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Biomechanical regulation of heart regeneration through endocardial Notch signaling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

CALIFORNIA

*Gao, Chen BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Novel post-transcriptional mechanism in heart failure **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Garg, Vivek PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Molecular Mechanisms of Mitochondrial Calcium Uptake **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000



CALIFORNIA

*Giani, Jorge BS, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Mechanism by which intrarenal ACE affects salt sensitivity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Gillich, Astrid BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Single-cell analysis of pulmonary alveolar capillary development **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,000

CALIFORNIA

*Gingras, Alexandre BSc, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **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

CALIFORNIA

*Gomes, Aldrin PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **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

CALIFORNIA

*Gonzalez, Nestor MD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Fostering Angiogenesis as Therapy for Cerebral Ischemia in ICAS **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Gonzalez, Walter BA, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** California Institute of Technology, Pasadena **City:** Pasadena **Project Title:** NEURONAL DYNAMICS AND BEHAVIORAL ROBUSTNESS IN MOTOR CONTROL **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

*Grainger, Stephanie BSC, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** The role of Wnt in hematopoietic development **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

*Grande Gutierrez, Noelia BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Hemodynamic based thrombotic risk stratification in Kawasaki disease patients with coronary artery aneurysms **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Grandi, Eleonora PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Cross-talk of Ca, CaMKII, and beta-adrenergic signaling in atrial fibrillation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$307,986

CALIFORNIA

*Groh, Christopher BSE, MD*

**Program Type:** Clinical Scientist Training Program **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Tobacco Smoke Exposure and Atrial Fibrillation Risk **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$118,628

CALIFORNIA

*Grossfeld, Paul MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **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

CALIFORNIA

*Gustafsson, Asa PhD*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Role of the endosomal pathway in

mitochondrial clearance **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5  
**Total Award Amount:** \$400,000

CALIFORNIA

*Hammerling, Babette BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Role of the Endosomal-Lysosomal Pathway in Cellular Quality Control **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2  
**Total Award Amount:** \$50,000

CALIFORNIA

*Hariharan, Nirmala BS, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Myocardial Aging and Regeneration: Recapitulating Human Biology Using Wild Mice **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Hayashi, Genki PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Testing mechanism based interventions for Col4a1-related cerebrovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

*Hinman, Jason MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **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

CALIFORNIA

*Hirsch, Karen MD, BA*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Post-cardiac arrest brain injury: novel methodologies to quantify severity and predict outcome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Hong, Tingting PhD, MD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Calcium Regulation at BIN1-Organized T-tubule Microdomains **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Hong, Mee Young PhD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City:** San Diego **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

CALIFORNIA

*Hong, Tingting PhD, MD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Plasma BIN1 is a marker of cardiac electrical stability **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Hoshijima, Masahiko PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **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

CALIFORNIA

*Huang, Guo PhD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Molecular Control of Mammalian Cardiomyocyte Binucleation and Proliferation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Huang, Tse-shun BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Role of lncRNAs in regulating endothelial functions **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Hubbard, Logan BS*

**Program Type:** Clinical Health Profession Student Training Program **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Anatomical and Functional Assessment of Coronary Artery Disease Using Whole-Heart Dynamic Computed Tomography **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Hunerdosse, Devon PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Resetting the Adipogenic/Pro-Inflammatory Switch: A New Way to Treat Insulin Resistance **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Imam, Farhad MD PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Cardio- and Neuroprotection via Hypoxic Preconditioning: Mechanistic Insights from a Zebrafish Disease Model **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Itzhaki Ronen, Ilanit BA, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Cellular Mechanisms of Arrhythmia in Long QT Syndrome **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Ix, Joachim MD, MS*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** Veterans Medical Research Foundation, San Diego **City:** San Diego **Project Title:** Renal tubular dysfunction and cardiovascular disease risk **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$399,998

CALIFORNIA

*Ji, Sung G BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Mitochondrial Zn<sup>2+</sup> accumulation in ischemic neuronal injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Jickling, Glen BSC, MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** microRNA Regulation of Immune Response in Ischemic Stroke **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

CALIFORNIA

*Jimenez, Veronica MS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** California State University, Fullerton **City:** Fullerton **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

CALIFORNIA

*Joy, Mary BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** The role of CCR5 in neural repair post stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Kahn, Andrew PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **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

CALIFORNIA

*Kameny, Rebecca MD, BA*

**Program Type:** Fellow-to-Faculty **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Right Ventricular Performance in Congenital Heart Disease **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2019 **Total Years:** 5 **Total Award Amount:** \$593,000

CALIFORNIA

*Kang, Sona BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Dnmt3a as a Mediator of Insulin Resistance **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Karakikes, Ioannis PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Defining Genetic Susceptibility And Molecular Pathways of Dilated Cardiomyopathy Toward Precision Medicine **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Kauss, Mara BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City:** San Francisco **Project Title:** The Influence of the Fetal Cardiac Extracellular Matrix on Cardiomyocyte Proliferation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Kawamura, Masashi MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** A Spatially Superimposed SMC'EPC Bi-Layer Cell Sheet for Microvascular Restoration in Diabetic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Kawanishi, Kunio PhD, MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Human-Specific Inflammatory Mechanism for Acceleration of Atherosclerosis by Red Meat Consumption **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Kerr, Jacqueline PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Randomized control trial to reduce sitting time in postmenopausal Latina women at increased risk for heart disease **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,383,595

CALIFORNIA

*Kheradvar, Arash MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **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

CALIFORNIA

*Kheradvar, Arash MD, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Ultrasound-Guided Delivery System for Accurate Positioning/Repositioning of Transcatheter Aortic Valves **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Kim, Namdoo PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Application of force-sensing cpGFP to cardiovascular cell **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

*Kim, Oleg PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Riverside **City:** Riverside **Project Title:** Contraction of blood clots: structural, mechanical, and functional consequences **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$215,656

CALIFORNIA

*Kimball, Ian BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Structural determinants of voltage-gated sodium channel modulation by peptide toxins **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Krause, William BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Estrogen receptor-mediated regulation of hypothalamic neurons that control energy homeostasis in female mice **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$100,000

CALIFORNIA

*Kumar, Maya PhD*



**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Cellular and molecular mechanisms underlying medial thickening in pulmonary hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Kuo, Yi-chun PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Hematopoietic stem cells reduce inflammation and modulate macrophage phenotype through microRNA-126-dependent signaling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$82,000

CALIFORNIA

*Kurt, Zeyneb PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Cross-species Comparison of Genetic Networks of Cardiometabolic Disorders **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Kutyavin, Vassily BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** The Role of IL-33 in Brown Adipose Tissue Metabolism and Thermogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Latifi, Shahrzad PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Neuronal Network Function after Stroke and During Recovery **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Lau, Wei Ling BSC, MD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** In vivo PET imaging of Klotho **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Lee, Bo Hyun MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Acid-induced activation of nociceptor TRPV1 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Lee, Ho-sup PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Identifying and Visualizing MRL adaptor family protein-mediated Integrin Activation Complex in Endothelial Cells **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Lee, Won Hee PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Identifying Biomarkers of Low-Dose Radiation Risk and Mechanisms of Individual Radiation Sensitivity **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Lemke, Stefan BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Beyond cortex: establishing the role of subcortical structures in motor recovery after stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Leung, Hiu Wah Josephine BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Polyspecific Interactions of P-glycoprotein and Cardiovascular Drugs **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Li, Fei PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** The Regulation of Glutamate Release by Protons **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Liang, Yan PhD, BSC*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** A newly identified Interaction between desmoplakin and COP9 signalosome subunit 6 reveals a new mechanism underlying sud **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Liew, Sook-Lei PhD, MA*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** REINVENT: A Closed-Loop VR Neurofeedback System for Motor Recovery after Severe Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,446

CALIFORNIA

*Littlejohn, Nicole PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** A Novel Approach to Trigger Body Fat Loss via the ATGL Triglyceride Lipase **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

*Liu, Chao PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Cholesterol efflux capacity in hypertriglyceridemic apoc2 knockout zebrafish **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,000

CALIFORNIA

*Liu, Chun PhD, BSC*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** iPSCs and Genome Editing to Study LMNA-related Familial Dilated Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Lolicato, Marco BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** INVESTIGATION OF GATING MECHANISM AND NOVEL MOLECULES TARGETING PRESSURE-SENSING K2P POTASSIUM

**CHANNELS Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,000

CALIFORNIA

*Lu, Shan BS, MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** The Role of MCU/MCUB in Cardiac Mitochondrial Ca<sup>2+</sup> regulation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Lukacs, Viktor MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Role of Piezo1 in the lymphatic system **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Maazi, Hadi PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** Identifying the contribution of ICOS-Ligand in homeostasis and function of type 2 innate lymphoid cells **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,000

CALIFORNIA

*Magescas, Jeremy PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Mechanisms controlling centrosome inactivation as a microtubule organizer **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

*Marki, Alex MD, NONE*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** La Jolla Institute for Allergy and Immunology **City:** San Diego **Project Title:** Actin turnover regulates neutrophil & monocyte rolling under arterial shear stress by modulating tether/sling properties **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Masureel, Matthieu MS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford

University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Conformational dynamics of arrestin-mediated  $\beta 2$  adrenergic receptor signaling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*McCain, Megan BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** Identifying Biomechanical Mechanisms of Dystrophic Cardiomyopathy in Engineered Human Stem Cell-Derived Cardiac Tissues **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*McLaughlin, Tracey MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **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

CALIFORNIA

*McMahon, Sarah BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City:** San Francisco **Project Title:** Transcription Factor Acetylation Regulates BRD4 Dynamics During Innate Immune Activation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Miao, Yinglong PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Structure-Based Design of Allosteric Enhancers of the Adenosine A1 Receptor **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Mikkola, Hanna MD PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Enhancer RNAs in cardiovascular lineage choice **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Mofrad, Mohammad PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **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

CALIFORNIA

*Mofrad, Mohammad PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Quantified Heart Valve (QHV): A new intelligent class of passive, wireless medical devices **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Monteiro, Cecilia MD*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Understanding Transthyretin Amyloidogenesis in Humans **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Mukherjee, Debanjan PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** A Meso-Scale Discrete Element Framework For Simulations Of Thrombus Growth And Embolization **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Mukherjee, Purba PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Targeted and activity-regulated plasminogen activators as catalytic therapeutics **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Nadkarni, Ambika BSc, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Spatial regulation of actin dynamics by importin alpha in myogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

*Nguyen, Thu ScD, MPH*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Discrimination and biomarkers of cardiometabolic risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Nizar, Jonathan BA, MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Elucidating the Role of Insulin-mediated Ion Transport in Hypertension of the Metabolic Syndrome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$100,000

CALIFORNIA

*Noval Rivas, Magali PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Role of Intestinal permeability and Secretory IgA in the development of Kawasaki Disease vasculitis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Odegaard, Andrew PhD, MPH*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Diet Beverage Intake and Micro and Macrovascular Outcomes in Persons with Diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$230,246

CALIFORNIA

*Oikonomopoulos, Angelos PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Deciphering Genotype-Phenotype Association in Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Okumura, Cheryl BA, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Occidental College, Los Angeles **City:** Los Angeles **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

CALIFORNIA

*Olzmann, James BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **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

CALIFORNIA

*Packard, Rene MD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Single plane illumination microscopy and ultrasonic transducers to characterize doxorubicin cardiac injury and repair **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Pantazis, Antonios BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** The Molecular Basis of Beta Subunit Modulation of the Human BK Channel Voltage Dependence **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Papp, Stephanie BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Mechanisms of Circadian Protection Against Heart Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Parvatiyar, Michelle BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Exploring muscle cell adhesion as a therapeutic strategy in the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Paulsen, Michael MD, BBA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** A Novel Photon-Powered Cardiac Energetics System to Rescue Myocardium from Ischemia **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550



CALIFORNIA

*Pearce, David MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **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

CALIFORNIA

*Peralta, Carmen MD, MA*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Early detection of chronic kidney disease to reduce events **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2021 **Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

*Pipathsouk, Anne BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Investigating a template for actin organization in leukocytes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Price, Andrew BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Role of desmoplakin in maintaining mechanical integrity at cell-cell adhesions **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Pruitt, Beth PhD, BS*

**Program Type:** Collaborative Science Award **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$150,000

CALIFORNIA

*Puchades Garcia, Cristina MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Elucidating the structural mechanisms that govern activity and

stability of mitochondrial ATPase YME1L **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018  
**Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Pulos, Mia BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Alternative Translational Regulation of Ferritin Expression via eIF3 During Reperfusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018  
**Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Qin, Xulei BSE, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Noninvasive Measurement of Myocardial Properties for Early Detection of HFpEF **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Raffai, Robert PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **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

CALIFORNIA

*Rajendran Taub, Pam MD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Effects of epicatechin on patients with statin-induced mitochondrial dysfunction and impaired exercise capacity **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Ramms, Bastian BSC, MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Impact of apolipoproteinC-III on lipoprotein-receptor interaction and atherosclerosis regression **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018  
**Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Reddy, Sushma MBBS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **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

CALIFORNIA

*Reiter, Jeremy MD PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Endothelial Primary Cilia Protect Against Atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Richter, Jenna BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Understanding the role of specific Wnt pathway components in hematopoietic stem cell development **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Rioped, Matthew BSC, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Effects of Exogenous Fractalkine on Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Ripplinger, Crystal PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **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

CALIFORNIA

*Rosa-Garrido, Manuel BS, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Role of the epigenetic factor CTCF in cardiac hypertrophy and failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,000

CALIFORNIA

*Roy, Bhaswati PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Reduced brain perfusion contributing to cognitive deficits in heart failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Ruffenach, Gregoire BSC, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Therapeutic role of miR193 in Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

*Ryu, Jae Kyu PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City:** San Francisco **Project Title:** Mechanisms and therapeutic strategies for white-matter injury in ischemic stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Sallam, Karim BS, MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Patient Specific Induced Pluripotent Stem Cell Derived Cardiomyocytes to Define Mechanisms of Dilated Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021 **Total Years:** 5 **Total Award Amount:** \$545,000

CALIFORNIA

*Sanchez, Natalia BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** Is asymmetry optimal? Characterization of Individual Differences in the Metabolic Cost of Asymmetry Post-Stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Sato, Daisuke PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **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

CALIFORNIA

*Scalzo, Fabien PhD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** UCLA David Geffen School of Medicine **City:** Los Angeles **Project Title:** Perfusion Digital Subtraction Angiography in Acute Ischemic Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Schultz, Harold BS, MS*

**Program Type:** Collaborative Science Award **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Exploring the Neurological Basis of Dyspnea and its Impact on Exercise Intolerance in Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$370,275

CALIFORNIA

*Sears, Dorothy PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Mechanistic transducers and biomarkers of sedentary behavior-associated cardiovascular disease risk in Latina women **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** 788931

CALIFORNIA

*Seidman, Jason MA, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Coronin 2A as a Transcriptional Regulator in Macrophages **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Sharma, Latisha BS, MD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Western States **Institution:** UCLA David Geffen School of Medicine **City:** Los Angeles **Project Title:** REMote PReconditioning Over Time to Empower Cerebral Tissue (REM-PROTECT) **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

CALIFORNIA

*Sharp, Katherine BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Mechanisms Linking Polarity to Signaling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

*Shaw, Robin BSC, PhD*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Bench to Bedside Studies of Ion Channel Trafficking **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

*Sherchan, Prativa PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Loma Linda University **City:** Loma Linda **Project Title:** Blood brain barrier protective effects of Slit2 after surgical brain injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

CALIFORNIA

*Shires, Sarah BS, BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** A Novel Role for Parkin in the Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Sieburth, Derek PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **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

CALIFORNIA

*Silva, Eduardo PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Self-reloading of angiogenic depots in situ **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Sinha, Tanvi BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** The regulation and role of Tdgl1 in outflow tract morphogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Skorobogatko, Yuliya PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Regulation of glucose metabolism in vivo by small G protein RalA **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Spencer, Cierra BS, BA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Northern California Institute for Research and Education **City:** San Francisco **Project Title:** Mechanisms of accessory Sec ATPase motor activation **Award Start Date:** 7/1/2017 **Award End Date:** 8/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Stamova, Boryana BS, MS*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Sexually Dimorphic Immune Response To Stroke And Association With Outcome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$139,775

CALIFORNIA

*Stanford, Stephanie PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **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

CALIFORNIA

*Stary, Creed MD, PhD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Preserving Mitochondrial Function with microRNA-200c to Improve Stroke Outcome **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2019 **Total Years:** 5 **Total Award Amount:** \$593,000

CALIFORNIA

*Suetomi, Takeshi MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Central role of cardiomyocyte CaMKII in pressure

overload induced inflammation and remodeling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

*Sun, Xun BS, MA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Characterizing Side-chain Mispacking in Human Transthyretin, a Protein Involved in Cardiac Amyloidosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

CALIFORNIA

*Sun, Hao PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Integrin Transmembrane Signaling in Inflammation and Thrombosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

*Sun, Sabrina BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Directed evolution of highly optimized adeno-associated viral (AAV) vectors for cardiac gene therapy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Surya, Vinay BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Investigation of the molecular and biophysical mechanisms underlying the formation of lymphatic valves **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

CALIFORNIA

*Syeda, Ruhma DPhil*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Functional characterization of mechanically activated channels **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Tang, Jiping MD*



**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Loma Linda University  
**City:** Loma Linda **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

CALIFORNIA

*Thapa, Parashar BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Development of Endogenous Channel Activity Probes (ECAPs) to visualize Kv2 Channel after ischemic stroke. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

*Tilwala, Gopesh BSE, ME*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Nintendo for Neurointerventionists: Technology for Remote Catheter Navigation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Tkachenko, Eugene PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Endothelial mechanotaxis during development **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Trivedi, Darshan BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Uncovering the Underlying Molecular Basis of Hyper-contractility caused by HCM Mutations **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Tumurkhuu, Gantsetseg MD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Oxidized DNA repair enzyme targeting mitochondria prevents accelerated atherosclerosis in SLE **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Turakhia, Mintu BA, MD*

**Program Type:** Institute - Data Grant **Funding Source:** Western States **Institution:** Palo Alto Veterans Institute for Research **City:** Palo Alto **Project Title:** Machine and Deep Learning of Dense Patient Data to Improve Stroke Risk Stratification in Atrial Fibrillation **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2019 **Total Years:** 2 **Total Award Amount:** \$199,410

CALIFORNIA

*Turcatel, Giaidnluca PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Children's Hospital Los Angeles **City:** Los Angeles **Project Title:** Tgf-beta signaling pathway induces gender specific phenotype in embryonic murine lung **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Uebelhoer, Melanie BSc, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Sensitising mutations that trigger endothelial dysfunction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Uppuluri, Priya PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Los Angeles Biomedical Research Institute, Harbor-UCLA Medical Center **City:** Torrance **Project Title:** High Content Screening for Small Molecule Inhibitors of Candida albicans Biofilm Dispersion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Vallim, Thomas PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** microRNA-mediated control of lipid metabolism and atherosclerosis **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Van Dorp, Stijn MSc, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Conformation and dynamics of the ER calcium sensor STIM1 at the single-molecule level **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CALIFORNIA

*Van Eyk, Jennifer*

**Program Type:** Institute - Grand Challenge Grant **Funding Source:** Western States **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Interrogation of the plasma proteome for the development of new biomarkers and therapeutic targets for CVD **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$1,000,000

CALIFORNIA

*Van Wijk, Xander BSc, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Troponin release in cardiac ischemia **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

CALIFORNIA

*Vexler, Zinaida PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Immune modulation by microglia-derived microvesicles in neonatal stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Vidmar, David MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Using Computational Analysis and Modeling to Identify Mechanisms of Spontaneous Termination of Human Atrial Fibrillation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Vu, Simon BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Inhibition of TRPV1 by Native Centipede Toxin **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Wang, He BA, BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Exploring novel epigenetic regulatory mechanisms by long non-coding RNAs and PRC2 complex in cardiac diseases **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

*Weiner, Orion PhD, BS*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Using optogenetics to understand directed cell migration **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

*Weiss, John PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Intramitochondrial Zn<sup>2+</sup> 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

CALIFORNIA

*Welc, Steven BA, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Klotho Mediated Regulation of Myocardial Fibrosis in Duchenne Muscular Dystrophy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

*West, Toni BS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City:** Davis **Project Title:** Characterization of PDE5/Beta2AR Interaction in Diabetic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CALIFORNIA

*Wu, Joseph PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Human iPSCs for Cardiac Drug Screening and Disease Modeling **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

*Wu, Sean PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Transcriptional Mechanism of Cardiac Lineage

Development at Single Cell Resolution **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2021  
**Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

*Wu, Joseph PhD, MD*

**Program Type:** MERIT **Funding Source:** Western States **Institution:** Stanford University, Stanford  
**City:** Stanford **Project Title:** Precision Medicine and Clinical Trial in a Dish for Cardiovascular Diseases  
**Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2022 **Total Years:** 5 **Total Award Amount:**  
\$1,000,000

CALIFORNIA

*Wyseure, Tine BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research  
Institute **City:** La Jolla **Project Title:** TAFI-mediated inactivation of VEGF and implications for post  
ischemic vascularization **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2  
**Total Award Amount:** \$102,550

CALIFORNIA

*Xu, Jian PhD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** University of  
Southern California **City:** Los Angeles **Project Title:** Arginine methylation of inhibitory Smads regulates  
TGF- $\beta$ /BMP signaling and endothelial/epicardial transdifferentiation **Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Xuan, Yue BS, ME*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** NCIRE The  
Veterans Health Research Institute **City:** San Francisco **Project Title:** Biomechanical Remodeling of  
Pulmonary Autograft **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total  
Award Amount:** \$102,550

CALIFORNIA

*Yamashita, Michifumi MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Cedars-  
Sinai Medical Center **City:** Los Angeles **Project Title:** Role of EGF Receptor in TLR7-mediated  
Glomerulonephritis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total  
Award Amount:** \$231,000

CALIFORNIA

*Yan, Lirong PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of Southern California **City:** Los Angeles **Project Title:** Characterization of collateral flow and hemodynamics in intracranial atherosclerosis using arterial spin labeling MRI **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Yeang, Calvin MD PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** The Role of Lipoprotein(a) and Oxidized Phospholipids in the Development and Treatment of Aortic Valve Stenosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$118,628

CALIFORNIA

*Yeh, Yi-ting BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Biophysical Regulation of Macrophage Migration and Retention: Role of ECM Properties and Nuclear Deformability **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

CALIFORNIA

*Ying, Wei BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** LTB4-BLT1 axis promotes B cell recruitment into adipose tissues during obesity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CALIFORNIA

*Yong, Celina MD, MSc*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Western States **Institution:** Palo Alto Veterans Institute for Research **City:** Palo Alto **Project Title:** Racial, Gender, Socioeconomic, and Geographic Differences in Transcatheter Aortic Valve Replacement **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

*Yu, Xinzhu PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Exploring astrocyte calcium signaling in neurovascular function **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,000

CALIFORNIA

*Yuan, Ke PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Role of Wnt/β-catenin signaling in the pathobiology of Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

*Zare, Richard PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Monitoring Nanoparticle-Mediated Angiogenesis Using Mass Spectrometry Imaging **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

*Zarrinpar, Amir MD, PhD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Cyclical Changes in the Gut Microbiome and its Effects on Dyslipidemia and Diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

CALIFORNIA

*Zhang, Jing BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Beckman Research Institute of City of Hope **City:** Duarte **Project Title:** DOC2B: a potential target in diabetes with improved cardiovascular outcomes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

*Zhang, Li BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Novel ubiquitination pathways in cholesterol homeostasis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

*Zhao, Yuqi PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Elucidating the Molecular Networks of Carotid Plaque Phenotypes via Integrated Genomics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

*Zhou, Rui PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** Splicing Factor' microRNA Control of Cardiac Development and Function in Drosophila **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

*Ziaean, Boback PhD, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** National Surveillance of Stroke Clinical Characteristics, Quality of Care, and Outcomes using the GWTG-Stroke Registry **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

*Allen, Larry MD, MHSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Electronic health record-leveraged, Patient-centered, Intensification of Chronic care for Heart Failure (EPIC-HF) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,042,800

COLORADO

*Asensio, Cedric PhD*

**Program Type:** Beginning Grant-In Aid **Funding Source:** Southwest **Institution:** University of Denver **City:** Denver **Project Title:** Molecular Mechanisms Controlling the Biogenesis of Secretory Granules **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$139,902

COLORADO

*Azadani, Ali PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Denver **City:** Denver **Project Title:** Assessment of Paravalvular Aortic Regurgitation following Transcatheter Aortic Valve Replacement **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

*Bartman, Colleen BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** The role of intense light in hypoxic cardiac metabolism



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

COLORADO

*Bernard, Timothy MD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Childhood Stroke Neuropsychological and Quality of Life Outcomes: Exploring lesion-specific plasticity **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

COLORADO

*Blair, Irene PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado, Boulder **City:** Boulder **Project Title:** Discrimination and Allostatic Load Among American Indians **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$1,141,526

COLORADO

*Bristow, Michael MD PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Therapeutic Molecular and Structural Phenotypic Changes of Heart Rate Reduction in HFREF **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,042,800

COLORADO

*Bruns, Danielle PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Hypobaric hypoxia-induced epigenetic changes of the cardiac fibroblast **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

COLORADO

*Buttrick, Peter MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** A comprehensive approach to the treatment of heart failure with reduced ejection fraction (HFREF) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$580,800

COLORADO

*Cao, Danting MBBS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** National Jewish Health **City:** Denver **Project Title:** Function of Pulmonary EMP miRNAs Released by Smoking **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

COLORADO

*Christensen, Tova BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado, Boulder **City:** Boulder **Project Title:** The Role of the Cardiac Fibroblast Secretome in Fibrosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

*Coates, Sydney BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** The vasoactive role of adenosine monophosphate kinase in high altitude pregnancy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

COLORADO

*Davidson, Jesse MD, MPH*

**Program Type:** Innovative Research Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Alkaline phosphatase for the prevention of acute lung injury in a piglet model of deep hypothermic circulatory arrest **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,998

COLORADO

*Di Pietro, Santiago PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **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

COLORADO

*Garat-Carter, Chrystelle PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Colorado, Aurora **City:** Aurora **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

COLORADO

*Garrity, Deborah PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **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

COLORADO

*Gist, Katja BS, MA*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Platelet and tissue cAMP: novel biomarkers of milrinone efficacy in children **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

COLORADO

*Havranek, Edward*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** An intervention to increase engagement with hypertension care for American Indian patients **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$84,5349

COLORADO

*Heath, Lauren BS, PharmD*

**Program Type:** Clinical Scientist Training Program **Funding Source:** Southwest **Institution:** Kaiser Permanente, Aurora **City:** Aurora **Project Title:** Impact of Screening and Effective Depression Treatment on Recurrent Major Cardiovascular Events **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2018 **Total Years:** 1 **Total Award Amount:** \$54,316

COLORADO

*Herson, Paco PhD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Neuronal Injury and Functional Recovery following Experimental Pediatric Arterial Ischemic Stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

COLORADO

*Jone, Pei-Ni BS, MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Circulating miRNAs as a diagnostic and prognostic biomarker for Kawasaki Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

COLORADO

*Jones, Dallas PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Examining the role of inflammatory cells in varicella zoster virus vasculopathy using a novel ex vivo human artery model **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

COLORADO

*Kaar, Jill PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Influence of Sleep Duration on Health Behavior Patterns and Childhood Obesity Risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

*Kao, David BSE, MD*

**Program Type:** Institute - Data Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Aggregating Data to Accelerate Personalization of the Treatment of Heart Failure (ADAPT-HF) **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2019 **Total Years:** 2 **Total Award Amount:** \$183,298

COLORADO

*Kumar, Rahul PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Role of Thrombospondin-1 in TGF-beta1 Activation in Hypoxic Pulmonary Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

COLORADO

*Kwiecinski, Jakub MSc, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Regulation of bacterial adhesion in Staphylococcus aureus endovascular infections **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

COLORADO

*Lin, Ying Hsi PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Mechanism of the myofibril relaxation abnormalities in heart failure with preserved ejection fraction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

COLORADO

*Lodha, Neha BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** Mechanisms and motor rehabilitation of reactive driving performance following stroke. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

COLORADO

*Macklin, Wendy PhD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Glial responses in pediatric stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

COLORADO

*Majtan, Tomas MSc, PharmD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Toward targeted pharmacological chaperone therapy for CBS-deficient homocystinuria **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

*Manson, Spero BS, MA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Increasing Hypertension Control Among American Indians **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$580,800

COLORADO

*McKenzie, Lisa BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Maternal Exposure to Natural Gas Development Emissions and Congenital Heart Defects: A Case-Control Study **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$307,971

COLORADO

*McKinsey, Timothy PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Epigenetic Readers as Downstream Effectors of Beta1-Adrenergic Receptor Signaling in HFrEF **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,042,800

COLORADO

*Mestroni Sbaizero, Luisa MD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Colorado Denver  
**City:** Denver **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

COLORADO

*Ostendorf, Danielle MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Objective Validation of Amount of Physical Activity Required For Long-term Weight Loss **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

COLORADO

*Park, Daewon BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **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

COLORADO

*Purkey, Alicia BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Regulation of N-cadherin postsynaptic localization by AKAP79/150 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

COLORADO

*Raghavan, Sridharan MD PhD, PhD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Southwest **Institution:** Denver Research Institute **City:** Denver **Project Title:** Defining and implementing optimal glycemic control in patients with diabetes and coronary artery disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

COLORADO

*Rodgers, Krista PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Neurogenesis in the Pediatric Brain: a Possible Therapeutic Target for Regeneration and Repair **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

*Sauder, Katherine BS, MS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Exploring the role of early life vitamin D intake on childhood vascular health **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

COLORADO

*Snell-Bergeon, Janet PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** DISCOVERY AND VALIDATION OF BIOMARKERS OF CARDIOVASCULAR COMPLICATIONS IN TYPE 1 DIABETES **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$253,338

COLORADO

*Sousa, Marcelo PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Colorado, Boulder **City:** Boulder **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

COLORADO

*Steiner, John BA, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Southwest **Institution:** Kaiser Permanente, Aurora **City:** Aurora **Project Title:** Improving Hypertension Care of American Indians and Alaska Natives through Interactive Voice Response Technology **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$1,141,525

COLORADO

*Traystman, Richard BS, MS*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** University of Colorado Denver | Anschutz Medical Campus ASA/Bugher Foundation Stroke Collaborative Research Center. **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018 **Total Years:** 4 **Total Award Amount:** \$2,416,000

COLORADO

*Wild, Angela BSC, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Dynamics of Neuronal L-type Ca<sup>2+</sup> channel-NFAT

Synapse-to-Nucleus Signaling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

COLORADO

*Woulfe, Kathleen BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Age-related differences in phosphodiesterase inhibition in heart failure patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CONNECTICUT

*Abrahams, Vikki BSC, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Askenase, Michael PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Manipulation of Macrophage Metabolism to Regulate Inflammation in Intracerebral Hemorrhage **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CONNECTICUT

*Bagriantsev, Sviatoslav PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Studying a novel role for K2P channels as excitatory conduits in the heart and brain. **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

CONNECTICUT

*Bennett, Anton PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Campbell, Stuart BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven



**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

CONNECTICUT

*Chakraborty, Raja PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Role of CBP and p300 in smooth muscle cell plasticity **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

*Chun, Hyung MD, BA*

**Program Type:** Established Investigator Award **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Endothelium in Health and Disease: Pursuit of Novel Mechanisms to Promote Vascular Homeostasis **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

CONNECTICUT

*Coon, Brian PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Functional Screens of Athero-prone and Athero-resistant Shear Stress Pathways **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$229,599

CONNECTICUT

*Dave, Jui PhD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Pericyte ALK5 and TIMP3 regulate endothelial integrity in the developing brain **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

CONNECTICUT

*Dubrac, Alexandre PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Guidance of pericyte patterning **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

*Faustino, E. Vincent BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven

**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

CONNECTICUT

*Fernandez, Carlos*

**Program Type:** Established Investigator Award **Funding Source:** Founders **Institution:** Yale University  
**City:** New Haven **Project Title:** Molecular Regulation of Cholesterol Metabolism **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2020 **Total Years:** 5 **Total Award Amount:** \$400,000

CONNECTICUT

*Fong, Guo-Hua BSC, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City:** Farmington **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

CONNECTICUT

*Goedeke, Leigh BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Effect of Liver Specific Acetyl-CoA Carboxylase Inhibition on Hepatic Steatosis and Insulin Resistance **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

*Goldberg, Emily PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Impact of ketone metabolites on obesity-related inflammation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

CONNECTICUT

*Gupta, Kshitiz BS, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **Institution:** Yale University  
**City:** New Haven **Project Title:** Understanding the secretory language of stem cells to create an informed cell-free method to treat myocardial infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CONNECTICUT

*Hajduk, Alexandra BS, MPH*

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

**Institution:** Yale University **City:** New Haven **Project Title:** Opening the Black Box into Functional Decline Among Older Adults with Acute Myocardial Infarction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$153,964

CONNECTICUT

*Khosravi, Ramak BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Computational Model-Driven Design of Tissue Engineered Vascular Grafts **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CONNECTICUT

*Lichtman, Judith PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Murray, Katie BA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Therapeutic targeting of angiopathy to achieve microvascular recanalization **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

*Nicoli, Stefania PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Papangeli, Irinna BS, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Molecular Mechanisms of Neonatal Pulmonary Hemorrhage **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$230,408

CONNECTICUT

*Park, Eon Joo BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** The role of NgBR as a nexus between cholesterol trafficking and

dolichol biosynthesis in endothelial cells **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020  
**Total Years:** 4 **Total Award Amount:** \$308,000

CONNECTICUT

*Pellowe, Amanda MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Elucidating the Role of Microvascular Inflammation in Integrin Mediated Pericyte to Myofibroblast Transition. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

*Petersen, Nils MD, MS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Hemodynamic biomarkers of early neurologic deterioration for improving outcomes after ischemic stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CONNECTICUT

*Ramirez-Hidalgo, Cristina PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Role of miR-148a in controlling LDLR activity and plasma LDL levels **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CONNECTICUT

*Rotllan, Noemi PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Functional and physiological role of ANGPTL4 during atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

*Santoro, Nicola MD, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Role of gut microbiota derived short chain fatty acids in pediatric obesity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CONNECTICUT

*Schwan, Jonas MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Using Engineered Heart Tissues to investigate the role of truncated cMyBP-C Mutations in Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CONNECTICUT

*Sessa, William PhD*

**Program Type:** MERIT **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Identifying new pathways targeting atherogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021 **Total Years:** 5 **Total Award Amount:** \$1,000,000

CONNECTICUT

*Sheth, Kevin BA, MD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Portable Magnetic Resonance Imaging for Cerebral Ischemia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$40,1589

CONNECTICUT

*Stewart, Rachel BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Examining the Role of the LINC Complex in Modulating Adhesion and Cytoskeletal Tension in the Myocardium **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

CONNECTICUT

*Suarez, Yajaira BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Tang, Wenwen BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Function and Mechanism of STK24-CCM3 Complex in CCM Pathogenesis **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

CONNECTICUT

*Tasoglu, Savas PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** University of Connecticut, Storrs **City:** Storrs **Project Title:** STROKE PREDICTION VIA SMART-PHONE BASED SICKLE CELL MONITORING **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$230,440

CONNECTICUT

*Taylor, Beth PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Connecticut, Storrs **City:** Storrs **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

CONNECTICUT

*Usselman, Charlotte BSC, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** John B Pierce Laboratory **City:** New Haven **Project Title:** Endothelial function in androgen excess polycystic ovary syndrome: effects of estrogen treatment **Award Start Date:** 7/1/2015 **Award End Date:** 11/30/2017 **Total Years:** 2 **Total Award Amount:** \$91,100

CONNECTICUT

*Wang, Juan PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Ex vivo human vessel bioreactor: a study of biodegradation behavior and cellular responses to absorbable metallic stent **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

CONNECTICUT

*Wu, Kuanlin BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** PDGF regulates integrin activation through Arg **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CONNECTICUT

*Xiao, Xiao PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** An Activity-Dependent Mechanism Underlying Dendritic Spine Stabilization **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

CONNECTICUT

*Xu, Maria BA*

**Program Type:** Clinical Health Profession Student Training Program **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Altered flow as a trigger for IL-36 driven T cell activation in early atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

*Yang, Yunfan PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Regulation of adipose tissue dynamics by O-GlcNAc transferase **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

CONNECTICUT

*Yu, Albert BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Monocyte/Macrophage TRPM2-mediated Inflammation in Ischemia-Reperfusion Injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

CONNECTICUT

*Yue, Lixia PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Elucidating Ca<sup>2+</sup> signaling mechanisms in vascular pathogenesis of Marfan syndrome using patient-derived iPS cells **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

CONNECTICUT

*Zhou, Jiangbing PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **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

CONNECTICUT

*Zhou, Huanjiao MD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Critical signaling in cerebral cavernous malformation pathogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

*Zhou, Wenping BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City:** New Haven **Project Title:** Dissect the role of spatial and temporal Akt activation in endothelial cell functions using optogenetics **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

DELAWARE

*Edwards, David PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Delaware **City:** Newark **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

DELAWARE

*Robson, Shannon PhD, MPH*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Delaware **City:** Newark **Project Title:** Implementing a Dietary Energy Density Intervention in Preschool Children **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

DELAWARE

*Sergi, Fabrizio PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Delaware **City:** Newark **Project Title:** Toward dynamic robot-aided neurorehabilitation: the predictive value of neuroimaging-based biomarkers of motor recovery **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

DELAWARE

*Wenner, Megan MS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Delaware **City:** Newark **Project Title:** Mechanisms contributing to vascular dysfunction in women: role of estradiol **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

DISTRICT OF COLUMBIA

*Barberio, Matthew PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Children's Research Institute, Washington, DC **City:** Washington **Project Title:** Obese adipocyte-derived exosomes impair cholesterol efflux **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368



DISTRICT OF COLUMBIA

*Beaton, Andrea BS, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Childrens National Medical Center **City:** Washington **Project Title:** Working Towards a Better Understanding of Acute Rheumatic Fever **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$1,834,812

DISTRICT OF COLUMBIA

*Bukrinsky, Michael PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** George Washington University **City:** Washington **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

DISTRICT OF COLUMBIA

*Davies, Ryan MD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nemours Alfred I. DuPont Hospital for Children **City:** Wilmington **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

DISTRICT OF COLUMBIA

*Geed, Shashwati PT, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** National Rehabilitation Hospital **City:** Washington **Project Title:** Shoulder and Hand function Improvement Post Stroke (SHIPS): Successful Recovery of Upper-Extremity Motor Function **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$102,550

DISTRICT OF COLUMBIA

*Khundmiri, Syed BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Howard University, Washington, DC **City:** Washington **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

DISTRICT OF COLUMBIA

*Marvar, Paul BS, MSED*

**Program Type:** Collaborative Science Award **Funding Source:** Mid-Atlantic **Institution:** George Washington University **City:** Washington **Project Title:** Post Traumatic Stress Disorder and Cardiovascular Disease Risk: Role of Sympathetic Overactivity and Angiotensin II **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$285,000

DISTRICT OF COLUMBIA

*Massaro, An MD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Children's Research Institute, Washington, DC **City:** Washington **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

DISTRICT OF COLUMBIA

*Newport, Elissa PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Georgetown University **City:** Washington **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

DISTRICT OF COLUMBIA

*Sable, Craig MD, BA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Children's Research Institute, Washington, DC **City:** Washington **Project Title:** Strengthening the Health System Response to Rheumatic Heart Disease: Developing Evidence-Based Strategies For Prevention **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$470,800

FLORIDA

*Acosta, Sandra BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **Project Title:** Influence of endothelial progenitor cells on inflammation-associated stroke vasculome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$101,912

FLORIDA

*Balmuth-Loris, Zachary BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Application of P7C3 A20 to Improve Histopathological and Behavioral Outcomes following Focal Cerebral Ischemia. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

FLORIDA

*Bertrand, Luc BSC, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Impact of NNRTI antiretroviral drug toxicity on blood-

brain barrier integrity, stroke severity and recovery. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

FLORIDA

*Buford, Thomas PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Wearable technology to reduce sedentary behavior and CVD risk in older adults **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

FLORIDA

*Candelario-Jalil, Eduardo PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Colomer Winter, Cristina BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Significance of Manganese Homeostasis to Enterococcus faecalis Systemic Infections **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Corbett, Karen BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Florida State University **City:** Tallahassee **Project Title:** Simulation Study of Thioredoxin Ionization **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

*Cuevas, Javier PhD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **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

FLORIDA

*Daniel, Bence PhD, MS*

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

Burnham Prebys Medical Discovery Institute, Orlando **City:** Orlando **Project Title:** Dissecting the transcription factor network of macrophage polarization and its implications to angiogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

FLORIDA

*De Kloet, Annette BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Decampli, William MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Central Florida Research Foundation, Inc. **City:** Orlando **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

FLORIDA

*Dhar, Shanta PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** A high-density lipoprotein mimicking synthetic nanoparticle platform for atherosclerosis **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Dore, Sylvain PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Ducasa, Gloria BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The role of ABCA1 and SOAT1 in Diabetic Kidney Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Elfassy, Tali MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Sodium, potassium, and risk of hypertension and stroke among Hispanics **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

FLORIDA

*Fairweather, DeLisa PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City:** Jacksonville **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

FLORIDA

*Fontanesi, Flavia PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Mitochondrial Respirasome Assembly in Physiological and Stress Conditions Associated with Cardiovascular Disease **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Galam, Lakshmi PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **Project Title:** Role of SOCS-1 mediated Siah2 regulation in acute lung injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

*Gumz, Michelle PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Hu, Hui PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** The Total Environment and Hypertensive Disorders of Pregnancy: A Precision Public Health Approach **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$230,788

FLORIDA

*Huang, Suming PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Hutcheson, Joshua PhD, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Florida International University, Miami **City:** Miami **Project Title:** Tracing the Therapeutic Efficacy of Bisphosphonates in Bone and Vascular Mineralization **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

*Janczura, Karolina BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Role of Histone Deacetylase 3 in Alzheimer's Disease. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

*Kanekiyo, Takahisa MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City:** Jacksonville **Project Title:** Vascular cognitive impairment and CAA; roles of apoE and apoE receptors **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Kasahara, Hideko PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Khoury, Nathalie BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Elucidating the mechanism behind the long-term cerebral ischemic tolerance mediated by resveratrol preconditioning **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Kim, Hyun-jung MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Role of GTPase MTG1 in Mitochondrial Translation and Heart Disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

FLORIDA

*Kindy, Mark PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **Project Title:** Metabolic determinants of vascular stiffness in health disparities related stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$954,800

FLORIDA

*Koch, Sebastian BS, MD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The Effects of Exercise, Cognitive Training, or Both on Cognition and Quality of Life Post-stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

FLORIDA

*Lassance-Soares, Roberta PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The role of vascular c-kit in arteriogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

*Liu, Lei PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Which brain cells are responsible for the neuroprotection elicited by Nrf2 induction? **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

FLORIDA

*Mankowski, Robert PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** An effect of resveratrol treatment on cardiovascular function in older adults **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

FLORIDA

*Martinez, Eliana MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Role of Muscle A-Kinase Anchoring Protein Beta-RSK3 Complexes in Post-Ischemic Cardiac Remodeling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

*Marty, Phillip PhD*

**Program Type:** Medical Student Research Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **Project Title:** USF Health Summer Student Research Fellowship Program **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$27,000

FLORIDA

*McFetridge, Peter PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*McKinstry, Karl BSC, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Central Florida Research Foundation, Inc. **City:** Orlando **Project Title:** Requirements for influenza vaccine induction of unique lung-resident memory CD4 T cells with novel function **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Mukhitov, Nikita BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Florida State University **City:** Tallahassee **Project Title:** Role of Pancreatic Hormone Pulsatility on the Hepatic Cellular State: Implications on Glucose and Lipoprotein Regulation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

FLORIDA

*Nadimpalli, Ravi S Varma PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Central Florida Research Foundation, Inc. **City:** Orlando **Project Title:** Cord blood



endothelial progenitor cell based therapies in Ischemic stroke rat models **Award Start Date:** 1/1/2014  
**Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Nissanka, Nadee ME, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Imaging mitochondrial signaling in real-time with fluorescent biosensors **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Pacak, Christina PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Mechanisms of Cardiac and Skeletal Muscle Dysfunction in Barth Syndrome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

*Perez-Pinzon, Miguel A. PhD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Enriched Environment, Exercise and Neurotherapeutics to Enhance Functional Recovery Following Stroke **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018

FLORIDA

*Perrot, Carole BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Sanford Burnham Prebys Medical Discovery Institute, Orlando **City:** Orlando **Project Title:** Regulation of endothelial tubulogenesis and lumen formation by R-Ras **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,704

FLORIDA

*Ramaswamy, Sharan PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Florida International University, Miami **City:** Miami **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

FLORIDA

*Raval, Ami PhD, MPH*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **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

FLORIDA

*Rundek, Tatjana MD PhD*

**Program Type:** Mentor-AHA Mentee Award **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$45,000

FLORIDA

*Sacco, Ralph BS, MD*

**Program Type:** Bugher Foundation Stroke Center **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** University of Miami ASA/Bugher Foundation Center for Excellence in Stroke Collaborative Research **Award Start Date:** 4/1/2014 **Award End Date:** 3/31/2018 **Total Years:** 4 **Total Award Amount:** \$2,416,000

FLORIDA

*Smuder, Ashley MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*Taylor-Clark, Thomas PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City:** Tampa **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

FLORIDA

*Terada, Naohiro MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **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

FLORIDA

*von Roemeling, Christina BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City:** Jacksonville **Project Title:** Targeted nanoparticle delivery of gamma-secretase inhibitor alternatively activates microglia cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Yadav, Sunil BSC*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The effect of pseudo-phosphorylation of myosin RLC on improvement of cardiac function in hypertrophic cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

*Yamazaki, Yu MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City:** Jacksonville **Project Title:** Cerebrovascular Effects of ApoE on Vascular Mural cells and Age-Related Cognitive Decline **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

FLORIDA

*Yu, Wendou PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Role of MEF2D in Neuroprotection Following Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

FLORIDA

*Zeng, Rui BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The Assembly Pathway of the Mitochondrial Large Subunit **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

FLORIDA

*Zubcevic, Jasenka BSC, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Altered sympathetic activity to the bone marrow in neurogenic hypertension **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000