

American Heart Association Awardees in Alpha Order by State

Last Update: August 2018

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

**No current awardees*

ALABAMA

Arora, Pankaj MBBS

Program Type: Career Development Award **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Racial Differences in the Natriuretic Peptide Response to Exercise and Beta-blockers **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

Aslibekyan, Stella ScM, PhD

Program Type: Institute - Democratizing Data **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** A high-resolution integrative -omic analysis of cardiorenal traits in African Americans **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$199,944

ALABAMA

Brahma, Manoj PhD

Program Type: Postdoctoral Fellowship **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 **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:** \$1,004,657

ALABAMA

Chandler-Laney, Paula PhD

Program Type: Strategically Focused Research Network **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:** \$1,010,007

ALABAMA

Chaudhary, Ninad MBBS, MPH

Program Type: Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** How inflammation and High Density Lipoproteins affect the relationship between APOL1 and outcomes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ALABAMA

Che, Pulin BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** The FAK-NWASP Axis Regulates Lung Endothelial Cell Permeability **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

ALABAMA

Chen, Jun BS, BA

Program Type: Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Tissue Engineered Atherosclerosis Model in a Physiological Bioreactor **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

ALABAMA

Cimino, James MD

Program Type: Institute - Data Fellowship Program **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Institutional Data Fellowship **Award Start Date:** 10/1/2017 **Award End Date:** 9/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

ALABAMA

Deal, Joshua BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Hyperspectral Imaging as a Novel Method to Classify Atherosclerotic Plaque **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

ALABAMA

Ernst, Patrick BA

Program Type: Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Cell Death Mechanisms in Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Mitochondrial Optogenetics **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ALABAMA

Feng, Wenguang MD, PhD

Program Type: Scientist Development Grant **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 **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 **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

Gohar, Eman PhD, MSc

Program Type: Career Development Award **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Sex-Differences in Renal Sodium Handling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

Graham, Laura MPH

Program Type: Mentored Clinical & Population Research Program **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

Gutierrez, Orlando BS, MD

Program Type: Strategically Focused Research Network **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 **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 **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 **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 **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

Jiao, Kai MD, PhD

Program Type: Grant-in-Aid **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

Kannappan, Ramaswamy PhD

Program Type: Scientist Development Grant **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 **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

Lee, Ji Young MD, PhD

Program Type: Career Development Award **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Carbonic anhydrase IX and pulmonary endothelial cell acidosis during infection **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

ALABAMA

Muntner, Paul PhD, MHSc

Program Type: Strategically Focused Research Network **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 **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: Transformational Project Award **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Resident cardiac macrophage dysfunction and pneumonia-associated adverse cardiac events **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

ALABAMA

Pati, Paramita BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Role of circadian rhythms in chronic high fat diet-induced endothelial dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

ALABAMA

Payne, Gregory BS, PhD

Program Type: AHA-AMFDP Scholar **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** The role of proline-glycine-proline in cardiac allograft vasculopathy and acute rejection **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$420,000

ALABAMA

Pollock, Jennifer PhD

Program Type: Strategically Focused Research Network **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 **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

Rich, Thomas PhD

Program Type: Undergraduate fellowship **Institution:** University of South Alabama, Mobile **City:** Mobile **Project Title:** Undergraduate Summer Research Experience at University of South Alabama **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award Amount:** \$48,000

ALABAMA

Rudraraju, Ramaraju PhD, MS

Program Type: Institute - AI and ML **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** MACHINE LEARNING FOR PREDICTING MECHANICAL CIRCULATORY SUPPORT OUTCOMES **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$198,854

ALABAMA

Wu, Hui BS

Program Type: Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Lipid Trafficking in HCMV infected cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ALABAMA

Xu, Shiyue MD, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** E2F1 mediated regulation of oxidative metabolism and endothelial differentiation of bone marrow progenitor cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

ALABAMA

Xu, Xin PhD

Program Type: Scientist Development Grant **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

Yazdani, Saami PhD

Program Type: Scientist Development Grant **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, Dingguo MBBS

Program Type: Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Collecting duct Bmal1 and circadian control of sodium excretion **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ALABAMA

Zhang, Eric BA

Program Type: Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** Role of SDF-1/CXCR4 signaling in recruitment of ckit+ bone marrow progenitor cells to the ischemic myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ALABAMA

Zhang, Yue MS

Program Type: Predoctoral Fellowship **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

Zheng, Liang PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City:** Birmingham **Project Title:** A Novel Zebrafish Model of Thrombotic Thrombocytopenic Purpura **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

ALABAMA

Zhu, Wuqiang

Program Type: Scientist Development Grant **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

Chen, Cheng-Yu PhD

Program Type: Postdoctoral Fellowship **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

Collins-Mcmillen, Donna PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Do novel HCMV immediate early promoters drive reactivation from latency? **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

ARIZONA

Harris, Samantha PhD

Program Type: Innovative Research Grant **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

Karnes, Jason BA, PharmD

Program Type: Scientist Development Grant **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

Keschrumrus, Vic BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Titin-based Dilated Cardiomyopathy Modeled in Engineered Heart Tissues **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ARIZONA

LaCroix, Arianna BS, MS

Program Type: Predoctoral Fellowship **Institution:** Arizona State University, Tempe **City:** Tempe **Project Title:** The role of prosody in speech comprehension post-stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

ARIZONA

Liu, Qiang PhD, MD

Program Type: Scientist Development Grant **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

Lochhead, Jeffrey PhD

Program Type: Career Development Award **Institution:** University of Arizona, Tucson **City:** Tucson **Project Title:** Intranasal Insulin as a Neuroprotectant during Hypoxia/Reoxygenation Stress **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

ARIZONA

Lucas, Alexandra MD

Program Type: Grant-in-Aid **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

Soltero, Erica BA, PhD

Program Type: Postdoctoral Fellowship **Institution:** Arizona State University, Tempe **City:** Tempe **Project Title:** Investigating Endothelial Microparticles as Early Markers of Vascular Disease in Obese Latino Youth with Prediabetes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

ARKANSAS

Balachandran, Kartik BS, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Arkansas, Fayetteville **City:** Fayetteville **Project Title:** The role of a local renin-angiotensin system in the initiation and progression of calcific aortic valve disease **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

ARKANSAS

Jain, Nishank MD, MPH

Program Type: Scientist Development Grant **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

ARKANSAS

Jensen, Morten BS, MSc

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Arkansas, Fayetteville **City:** Fayetteville **Project Title:** Optimizing Treatment of Coronary Bifurcation Lesions **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

ARKANSAS

Parajuli, Nirmala DVM, MSc

Program Type: Scientist Development Grant **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

ARKANSAS

Rhee, Sung PhD

Program Type: Grant-in-Aid **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

CALIFORNIA

Abbott, Marcia BS, MS

Program Type: Scientist Development Grant **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

Agarwal, Anushree MBBS

Program Type: Mentored Clinical & Population Research Program **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

Akos, Zsuzsa PhD

Program Type: Postdoctoral Fellowship **Institution:** California Institute of Technology, Pasadena **City:** Pasadena **Project Title:** Understanding the first step in heart development: mechanism of mesoderm spreading **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Albert, Michelle BS, MD

Program Type: Merit Award **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Obesity and Jobs in Socioeconomically Disadvantaged Communities **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2023 **Total Years:** 5 **Total Award Amount:** \$1,000,000

CALIFORNIA

Albert, Verena PhD

Program Type: Postdoctoral Fellowship **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

Allison, Matthew BS, MD

Program Type: Strategically Focused Research Network **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

Allu, Prasanna PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Transcriptional Networks in Cardiac Pacemaker Cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Andres, Allen PhD

Program Type: Scientist Development Grant **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 **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 **Institution:** University of California, Los Angeles **City:** Los Angeles
Project Title: Targeting the late component of L-type Ca²⁺ 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 **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

Ardehali, Reza BS, PhD

Program Type: Innovative Project Award **Institution:** UCLA Department of Medicine **City:** Los Angeles
Project Title: The role of cardiac pericytes in myocardial fibrosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Arnaut, Rima MD, BS

Program Type: Institute - Methods Validation Grant **Institution:** University of California, San Francisco
City: San Francisco **Project Title:** Deep Learning as a New Method for Echocardiographic Data Harmonization in the Cloud **Award Start Date:** 10/1/2017 **Award End Date:** 9/30/2019 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Arrigoni, Cristina BS, MSc

Program Type: Postdoctoral Fellowship **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:** 7/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Bahr Hosseini, Mersedeh MD

Program Type: Career Development Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Developing transcranial direct current stimulation as a novel neuroprotective method in acute ischemic stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Bao, Xiaoping PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** OPTOGENETIC CONTROL OF 3D CARDIAC ORGANOID GENERATION FROM HUMAN PLURIPOTENT STEM CELLS **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Basavarajappa, halesha BSC, MS

Program Type: Postdoctoral Fellowship **Institution:** Beckman Research Institute of City of Hope **City:** Duarte **Project Title:** Interactions of EGFR-Notch-Wnt pathways in beta cell survival **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Bastounis, Effie BS, MS

Program Type: Postdoctoral Fellowship **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

Bastounis, Effie BS, MS

Program Type: Career Development Award **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Role of biomechanical cues in modulating infection of endothelial cells by pathogenic bacteria **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Bechay, Kirillos BS

Program Type: Predoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles

Project Title: Clarifying the Circuit for Stroke Recovery **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Bensing, Barbara PhD, MS

Program Type: Scientist Development Grant **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 **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 Sciences Award **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, Daniel MD, BS

Program Type: Innovative Research Grant **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

Bernstein, Kenneth MD

Program Type: Grant-in-Aid **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

Bethel, Neville BS

Program Type: Predoctoral Fellowship **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

Bielczyk-Maczynska, Ewa PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Targeting mechanosensing signaling in the treatment of systemic sclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Birker, Katja BS

Program Type: Predoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** Probing Hypoplastic Left Heart Syndrome candidate genes in the Drosophila heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Bisignano, Paola PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Structure-based drug design to identify new sugar transporter inhibitors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Blaho, Victoria PhD

Program Type: Scientist Development Grant **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 Sciences Award **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

Boehm, Julia PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Chapman University

City: Orange **Project Title:** Psychosocial Resources in Childhood that Protect against Cardiovascular Risk in Adulthood: The 1958 Birth Cohort Study **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$126,120

CALIFORNIA

Browne, Shane PhD, BS

Program Type: Postdoctoral Fellowship **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

Bulley, Simon PhD

Program Type: Scientist Development Grant **Institution:** Western University of Health Sciences **City:** Pomona **Project Title:** Role of TRPP2 channels in the regulation of arterial contractility **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

CALMETTES, Guillaume BS, MS

Program Type: Scientist Development Grant **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 **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

Castaneda, Sheila

Program Type: Strategically Focused Research Network **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 **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

Chaix, Amandine PhD

Program Type: Career Development Award **Institution:** The Salk Institute for Biological Studies **City:** La Jolla **Project Title:** Benefits and mechanisms of time-restricted feeding as an intervention against atherosclerosis and cardiovascular disease **Award Start Date:** 7/1/2018 **Award End Date:** 7/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Challis, Rosemary BS, PhD

Program Type: Postdoctoral Fellowship **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, Michelle BSN

Program Type: Predoctoral Fellowship **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:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Chang, Alex PhD

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** ACCELERATED AGING IN DUCHENNE CARDIOMYOPATHY **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Chavali, Srinivas Manideep PhD, MS

Program Type: Postdoctoral Fellowship **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 **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

Chella Krishnan, Karthickeyan PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Exploring the Mechanistic Roles of Pklr and Chchd6 in Non-Alcoholic Fatty Liver Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Chen, Ian BS, MSE

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Human iPSC-based Modeling of Endothelial Progenitor Cell Maladaptation in Calcific Aortic Valve Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Chen, Ju PhD, MSc

Program Type: Undergraduate fellowship **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

Chen, Peter BS, MD

Program Type: Grant-in-Aid **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

Cheng, Karen BA

Program Type: Predoctoral Fellowship **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

Chien, Aichi PhD

Program Type: Innovative Project Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Software to assess cerebral angioarchitecture and identify characteristics

associated with stroke and recovery **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Cil, Onur MD, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** TMEM16A AND PENDRIN INHIBITORS FOR HYPERTENSION THERAPY **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

CALIFORNIA

COKIC, IVAN MD

Program Type: Innovative Project Award **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Use of Antiallergic Drugs for Prevention of Fat Deposition in Infarcted Myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

CRAMER, Steven MD, MSc

Program Type: Innovative Research Grant **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:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

Cunningham, Christine BS

Program Type: Predoctoral Fellowship **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

de Couto, Geoffrey BSc, PhD

Program Type: Career Development Award **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Macrophages as effectors of cell therapy for heart failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Deo, Rahul PhD, MD

Program Type: Innovative Research Grant **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 **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

Ding, Yichen BS, PhD

Program Type: Career Development Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Integrating light-sheet imaging and computation to quantify doxorubicin-induced Notch signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Dinh, Theresa Thanh BS, PhD

Program Type: Postdoctoral Fellowship **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:** 2/28/2019 **Total Years:** 2 **Total Award Amount:** \$106,350

CALIFORNIA

Diop, Soda PhD, MS

Program Type: Scientist Development Grant **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 **Institution:** University of California, Davis **City:** Davis **Project Title:** Cardiac EC coupling: Many L-type Ca²⁺ 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

Eguchi, Asuka BS, MS

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Role of telomere shortening in Duchenne muscular dystrophy cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Fan, Zhaoyang PhD, MSc

Program Type: Scientist Development Grant **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

Fan, Zhichao BS, PhD

Program Type: Career Development Award **Institution:** La Jolla Institute for Allergy and Immunology
City: San Diego **Project Title:** Impact of beta2 integrin auto-inhibition on neutrophil arrest and inflammation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Finley, James BS, MS

Program Type: Innovative Research Grant **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 **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

Gamdzyk, Marcin PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** Loma Linda University **City:** Loma Linda **Project Title:** Role of PPAR beta/delta in attenuation of neuronal apoptosis via regulation of miR-17/TXNIP pathway in rat model of HIE **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Gan, Peiheng BS

Program Type: Predoctoral Fellowship **Institution:** University of Southern California **City:** Los Angeles
Project Title: The roles of Tnni3k in mammalian heart regeneration and cardiac conduction system diseases **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Gandhi, Shashank BS, MS

Program Type: Predoctoral Fellowship **Institution:** California Institute of Technology, Pasadena **City:** Pasadena **Project Title:** Identification of molecular mechanisms governing cardiac neural crest specification **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

GAO, Chen BS, PhD

Program Type: Postdoctoral Fellowship **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 **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

Ghosh, Debapriya PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** Control of vascular excitability of by homotypic fusion of CaV1.2 carrying vesicles **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Giani, Jorge BS, BS

Program Type: Scientist Development Grant **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

Gonzalez, Walter BA, PhD

Program Type: Postdoctoral Fellowship **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

Gonzalez Teran, Barbara PhD

Program Type: Postdoctoral Fellowship **Institution:** Gladstone Institute, San Francisco **City:** San

Francisco **Project Title:** Nuclear pore interaction with cardiac transcription factors during cardiomyocyte differentiation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Gottlieb, Roberta MD

Program Type: Innovative Project Award **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles
Project Title: Rapid intracellular delivery of Fv-Hsp72 for treatment of ER stress in heart failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Grandi, Eleonora PhD

Program Type: Scientist Development Grant **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

Griffiths, Brian BA, MA

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto
City: Palo Alto **Project Title:** Role of microRNA-338 in hippocampal injury following global cerebral ischemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Grosser, Melinda BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Berkeley **City:** Berkeley
Project Title: Role of Pseudomonas aeruginosa adhesin CdrA in a biofilm infection model **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Guida, Maria Clara PhD

Program Type: Postdoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** 'Heart-breaking' parental nutritional habits: epigenetic mechanisms underlying inherited lipotoxic cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Gustafsson, Asa PhD

Program Type: Established Investigator Award **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

Hariharan, Nirmala BS, MSc

Program Type: Scientist Development Grant **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

Healy, Laura BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** APC-mediated inhibition of Inflammasome activation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

Higdon, Lauren PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Functional consequences of antigen specificity in CMV-responsive T cells **Award Start Date:** 7/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Hirsch, Karen MD, BA

Program Type: Innovative Project Award **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** A systems-based mass cytometry approach to study the post-cardiac arrest immune response **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Hsu, Jeffrey MD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Investigating the role of Orai1 in inflammatory calcific aortic valve disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$62,560

CALIFORNIA

Huang, Jijun PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Mechanism in lncRNA mediated epigenetic check-point regulation in cardiac hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Huang, Tse-shun BS, MS

Program Type: Postdoctoral Fellowship **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 **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

Imam, Farhad MD PhD

Program Type: Scientist Development Grant **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

Ix, Joachim MD, MS

Program Type: Established Investigator Award **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

Iyer, Harini PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Environmental stress and the role of lysosomes in myelination **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

Jin, Meiyang BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Berkeley **City:** Berkeley
Project Title: Regulation of Cell-cell Junctions by Clathrin-mediated Endocytosis in Human iPS Cells and Cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Jindal, Granton BS, MA

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla
Project Title: Elucidating regulatory principles governing heart development **Award Start Date:**
7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

Jung, Ji Hye PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto
City: Palo Alto **Project Title:** Cardioprotective Exosomal microRNA 106a-363 Cluster repairs Injured
Myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award
Amount:** \$104,060

CALIFORNIA

KAMENY, Rebecca MD, BA

Program Type: Fellow-to-Faculty Transition Award **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

KARAKIKES, IOANNIS PhD

Program Type: Innovative Research Grant **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 **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

Kawanishi, Kunio PhD, MD

Program Type: Postdoctoral Fellowship **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 **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

Khademhosseini, Ali PhD

Program Type: Transformational Project Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Oxygen Releasing Microparticles to Improve Heart Preservation for Transplantation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

CALIFORNIA

Khomtchouk, Bohdan BS, BS

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** ageHeartPortal: An Open Deep Learning Platform for Exploring Aging Genomics Data in Cardiovascular Disease **Award Start Date:** 7/1/2018 **Award End Date:** 8/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Kim, Namdoo PhD, BS

Program Type: Postdoctoral Fellowship **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 **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

Kim, Paul BS, MD

Program Type: Career Development Award **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Evaluation of Myocardial Perfusion and Immune Cell Response in Allograft Dysfunction of Heart-Transplant Patients **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Kimball, Ian BS

Program Type: Predoctoral Fellowship **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

Kimura, Taishi PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** Scripps Research Institute **City:** La Jolla **Project Title:** Pathogenic role of the RNA sensing pathways in viral myocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

King, Kevin MD PhD, PhD

Program Type: Innovative Research Grant **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Dissecting Cell-communication in Ischemic Cardiomyopathy using Single Cell Analysis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

CALIFORNIA

Krishnamurthy, Shruthi BSc, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** Identification and characterization of Toxoplasma genes that determine fitness in interferon gamma-stimulated humancells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Kumar, Maya PhD

Program Type: Scientist Development Grant **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

Kumar, Sanjeev PhD, MD

Program Type: Career Development Award **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Role of Sox9-regulated Epithelial Plasticity in Renal Repair after Acute Kidney Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Kumar, Varun PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Glia ER stress in Pathophysiology and Treatment of Diabetes and Ischemic Optic Neuropathy. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Kutyavin, Vassily BS

Program Type: Predoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Deciphering the transcriptional regulation of brown adipose tissue dormancy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

CALIFORNIA

Lagarrigue, Frederic BS, MSc

Program Type: Career Development Award **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Novel Regulatory Axes of Talin-Mediated Integrin Activation and Blood Cell Function **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Latifi, Shahrzad PhD

Program Type: Postdoctoral Fellowship **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 **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, Won Hee PhD, MS

Program Type: Scientist Development Grant **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 **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 **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 **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

Li, Qin PhD

Program Type: Institute - Uncovering New Patterns Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Deciphering genetic regulatory code of A-to-I RNA editing in coronary artery disease **Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Li, Yan BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Development of high speed OCT/US/NIRF tri-modality intravascular imaging for Characterization of Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Liang, Yan PhD, BSC

Program Type: Postdoctoral Fellowship **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

Lien, Ching-Ling PhD

Program Type: Innovative Project Award **Institution:** Children's Hospital Los Angeles **City:** Los Angeles

Project Title: Blood perfusion through cardiac lymphatic vessels as a novel paradigm for myocardium vascularization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Lim, Chun-Yan PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Berkeley **City:** Berkeley **Project Title:** Cholesterol transfer at inter-organelle contact sites regulates mTORC1 signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Lin, Yun BSC, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** Vascular Changes in Aging and Blood-Brain Barrier **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Littlejohn, Nicole PhD

Program Type: Postdoctoral Fellowship **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, Qing PhD, MS

Program Type: Career Development Award **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Drug-induced alterations in metabolic remodeling and transcriptional regulation during cardiomyocyte differentiation **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Liu, Yanxin PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Dissecting the molecular mechanism of Hsp90 chaperone machinery in cardiac disease by cryo-electron microscopy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Lu, Shan BS, MSc

Program Type: Predoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project**

Title: The Role of MCU/MCUB in Cardiac Mitochondrial Ca²⁺ regulation **Award Start Date:** 7/1/2017
Award End Date: 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Ma, Ke PhD, MD

Program Type: Grant-in-Aid **Institution:** Beckman Research Institute of City of Hope **City:** Duarte **Project Title:** Circadian clock control of thermogenic brown and beige fat function **Award Start Date:** 1/1/2017
Award End Date: 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

Ma, Ning BA, PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Determining the Pathogenicity of HCM-Associated VUS Using CRISPR/Cas9 and iPSCs **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Magescas, Jeremy PhD

Program Type: Postdoctoral Fellowship **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 **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

Marsden, Alison PhD, MSE

Program Type: Institute - Uncovering New Patterns Grant **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Cardiovascular hemodynamics simulation and deep learning software and data base for the AHA Precision Medicine Platform **Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2019 **Total Years:** 1 **Total Award Amount:** \$150,000

CALIFORNIA

Masureel, Matthieu MS, PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Conformational dynamics of arrestin-mediated β_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 **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 **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 **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

Mohindra, Priya BS

Program Type: Predoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Microstructural cues for mechanosensitive regulation of fibrosis and enhanced vascularization of post-infarct myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Mukherjee, Purba PhD

Program Type: Postdoctoral Fellowship **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

Mukhopadhyay, Debanjan BSc, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project**

Title: Modulation of the human immune response by the heart parasite *Toxoplasma gondii* **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Nadkarni, Ambika BSC, MSc

Program Type: Postdoctoral Fellowship **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, Kim-Lien MD

Program Type: Transformational Project Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Ferumoxytol-Enhanced MRI for Myocardial Tissue Characterization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,974

CALIFORNIA

Nguyen, Ngoc BS

Program Type: Predoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles

Project Title: Protective effects of neonatal plasma in ischemic heart disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Nguyen, Patricia BS, MD

Program Type: Innovative Project Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Toward the Identification of Patient-Specific Antigens Causing Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Nguyen, Quynh BS

Program Type: Predoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla

Project Title: Characterizing CD4+ tissue-resident memory T cells in non-lymphoid tissues **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Odegaard, Andrew PhD, MPH

Program Type: Scientist Development Grant **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

O'Dwyer, Samantha BA

Program Type: Predoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** The function of BIN1 in vascular smooth muscle **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Oikonomopoulos, Angelos PhD

Program Type: Scientist Development Grant **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 **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

Orecchioni, Marco BS, MS

Program Type: Postdoctoral Fellowship **Institution:** La Jolla Institute for Allergy and Immunology **City:** San Diego **Project Title:** OLFrs in vascular macrophages: a new connection between microbial metabolites and atherosclerosis progression **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

PACKARD, RENE MD

Program Type: Scientist Development Grant **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

Pardon, Gaspard BSc, MSc

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Outside-in and Inside-out mechanosignaling in cardiomyopathy onset and progression **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Parikh, Rushi BA, MD

Program Type: Career Development Award **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Impact of Endothelin-1 on the Development of Cardiac Allograft Vasculopathy in Heart Transplant Recipients **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Parvatiyar, Michelle BA, PhD

Program Type: Scientist Development Grant **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

Patananan, Alexander BS, MS

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Exogenous mtDNA integration in cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Paulsen, Michael MD, BBA

Program Type: Postdoctoral Fellowship **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 **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 **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

PHAM, THANH BS

Program Type: Predoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles
Project Title: Pericytes in stroke repair and recovery. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Pipathsouk, Anne BS

Program Type: Predoctoral Fellowship **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

Policastro, Gina PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla
Project Title: Biodegradable, enzyme-responsive nanoparticles for therapeutic delivery in acute myocardial infarction applications **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Pruitt, Beth PhD, BS

Program Type: Collaborative Sciences Award **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 **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

QIAN, JIANG PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Southern California **City:** Los Angeles
Project Title: PRMT1 in cardiac fibroblast fate conversion and chronic injury-induced ventricular remodeling and dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$118,628

CALIFORNIA

Qin, Xulei BSE, PhD

Program Type: Scientist Development Grant **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

Rajendran Taub, Pam MD

Program Type: Scientist Development Grant **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

Ramasubramanian, Anand PhD, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** San Jose State University Research Foundation **City:** San Jose **Project Title:** Role of Spatial Heterogeneity on Clot Micromechanics **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

Ramms, Bastian BSc, MSc

Program Type: Predoctoral Fellowship **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

Ren, Lu MS, MD

Program Type: Predoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** Regulation of pacemaker cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Roy, Bhaswati PhD

Program Type: Postdoctoral Fellowship **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 **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 **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

Saha, Suvrajit PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco **Project Title:** Dissecting the mechanism of mechanotransduction via mTOR complex 2 during neutrophil chemotaxis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Schultz, Harold BS, MS

Program Type: Collaborative Sciences Award **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 **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:** \$788,931

CALIFORNIA

Seo, Kinya PhD, MS

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Hypocretin Receptor 2 - a Novel Mechanism Underlying Heart Failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Shadden, Shawn PhD

Program Type: Established Investigator Award **Institution:** University of California, Berkeley **City:**

Berkeley **Project Title:** Broadening computer modeling in cardiovascular care **Award Start Date:** 1/1/2018 **Award End Date:** 12/31/2022 **Total Years:** 5 **Total Award Amount:** \$400,000

CALIFORNIA

Shao, Ningyi MD, PhD

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford

Project Title: Novel Computational Approaches to Elucidate Cardiomyocyte Differentiation Across

Species **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:**

\$230,757

CALIFORNIA

Sharp, Katherine BS, PhD

Program Type: Postdoctoral Fellowship **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

Sherchan, Prativa PhD

Program Type: Postdoctoral Fellowship **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 **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

Silva, Eduardo PhD

Program Type: Innovative Research Grant **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

Singhal, Neel MD PhD

Program Type: Career Development Award **Institution:** University of California, San Francisco **City:** San

Francisco **Project Title:** Elucidating the role of respirasome plasticity in neuronal metabolism and

resilience to ischemic injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3

Total Award Amount: \$231,000

CALIFORNIA

Sirish, Padmini BS, MSc

Program Type: Career Development Award **Institution:** University of California, Davis **City:** Davis **Project Title:** Development Of Novel Upstream Target For Atrial Fibrillation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Smith, Bryan BS, PhD

Program Type: Transformational Project Award **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Macrophage-Selective Nanotherapy for Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

CALIFORNIA

Soetkamp, Daniel PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** Cedars-Sinai Medical Center **City:** Los Angeles **Project Title:** Targeting PKC and Dmpk for reducing titin stiffness in heart failure with preserved ejection fraction. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Spang, Martin MS, BS

Program Type: Predoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Intracoronary delivery of a soluble extracellular matrix therapy post-myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Spencer, Cierra BS, BA

Program Type: Postdoctoral Fellowship **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

Stafford, Randall BS, PhD

Program Type: Strategically Focused Research Network **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Stafford Project **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$2,232,887

CALIFORNIA

Stapleton, Lyndsay BS, MS

Program Type: Predoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project**

Title: Supramolecular Biomaterials for Prevention of Post-Operative Thoracic Adhesions **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

STARY, Creed MD, PhD

Program Type: Fellow-to-Faculty Transition Award **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

Sun, Hao PhD

Program Type: Postdoctoral Fellowship **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 **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

SUN, Xiaoli PhD, MB

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Oxidized Phospholipid Induced Changes in Monocyte/Macrophage Biology Promote Atherogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Sun, Xun BS, MA

Program Type: Postdoctoral Fellowship **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

Suzuki, Junji MD PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San

Francisco **Project Title:** Mechanism of Oscillations of the Mitochondrial Membrane Potential **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Tan, Ee Phie PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City:** La Jolla **Project Title:** Probing Mechanisms of Lipid Clearance by Autophagy Relevant to Aging **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Tang, Jiping MD

Program Type: Grant-in-Aid **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

Tapa, Srinivas BS

Program Type: Predoctoral Fellowship **Institution:** University of California, Davis **City:** Davis **Project Title:** Sympathetic Modulation and Arrhythmia in Intact Hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Thapa, Parashar BS, PhD

Program Type: Postdoctoral Fellowship **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

Thomas, Isac BA, MD

Program Type: Career Development Award **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Epidemiology of Calcified Atherosclerosis in the Segmented Thoracic Aorta **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Touma, Marlin MD PhD

Program Type: Career Development Award **Institution:** UCLA David Geffen School of Medicine **City:** Los Angeles **Project Title:** Novel Molecular Network In Perinatal Cardiac Chamber Development and

Congenital Heart Defects **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Trivedi, Darshan BS, MS

Program Type: Postdoctoral Fellowship **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

Turakhia, Mintu BA, MD

Program Type: Institute - Data Grant **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, Gianluca PhD, MS

Program Type: Scientist Development Grant **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

Ulmer, Tobias DPhil, MS

Program Type: Transformational Project Award **Institution:** University of Southern California **City:** Los Angeles **Project Title:** Safeguards of unwarranted integrin activation and pathological thrombosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

CALIFORNIA

Uppuluri, Priya PhD

Program Type: Scientist Development Grant **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

Valdez-Jasso, Daniela BS, MS

Program Type: Scientist Development Grant **Institution:** University of California, San Diego **City:** La Jolla

Project Title: Ventriculo-vascular coupling in PAH ' Significance of large-vessel remodeling on cardiac and pulmonary vascular function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$228,323

CALIFORNIA

Van Eyk, Jennifer

Program Type: Institute - Grand Challenge Grant **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

Vexler, Zinaida PhD

Program Type: Innovative Research Grant **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

Wahlquist, Christine BS, MS

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** microRNA Regulation of Dilated Cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$230,728

CALIFORNIA

Wang, Bingyan BS, MSc

Program Type: Predoctoral Fellowship **Institution:** San Diego State University Research Foundation **City:** San Diego **Project Title:** Lineage Contribution of Adult c-Kit+ Cardiac Progenitor Cells in Embryonic and Neonatal Development **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CALIFORNIA

Wang, Charles MD, MPH

Program Type: Innovative Project Award **Institution:** Loma Linda University **City:** Loma Linda **Project Title:** A novel approach of generating and epigenomic characterization of cardiomyocytes from human peripheral blood cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CALIFORNIA

Wang, Hanjay MD, BA

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Identifying the mechanism and therapeutic potential of collateral artery formation in the ischemic heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Wang, He BA, BA

Program Type: Predoctoral Fellowship **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

Wang, Huan PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** Molecular function of lipin 1 in pre-mRNA splicing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Wang, Paul MD

Program Type: Strategically Focused Research Network **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Decision-Making Pathway for Atrial Fibrillation Stroke Prevention **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$2,767,113

CALIFORNIA

Wang, Yangmeng BA, MS

Program Type: Postdoctoral Fellowship **Institution:** Beckman Research Institute of City of Hope **City:** Duarte **Project Title:** The effect of CaMKII delta on adipose tissue lipolysis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Wang, Ying PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** The role of CD47 in the accumulation of diseased smooth muscle cells in atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CALIFORNIA

Weiner, Orion PhD, BS

Program Type: Established Investigator Award **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 **Institution:** University of California, Irvine **City:** Irvine **Project Title:** Intramitochondrial Zn²⁺ accumulation and the induction of ischemic neurodegeneration **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

Welc, Steven BA, PhD

Program Type: Postdoctoral Fellowship **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

Willemink, Martin MD PhD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Improving Individual Risk Assessment in Patients with Aortic Dissection **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Wirka, Robert BS, MD

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford **Project Title:** Mechanisms of TCF21 in coronary artery disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Wisneski, Andrew BS, MD

Program Type: Postdoctoral Fellowship **Institution:** NCIRE The Veterans Health Research Institute **City:** San Francisco **Project Title:** Improved Rupture Risk Assessment of Ascending Thoracic Aortic Aneurysms: Application of Patient-Specific Modeling and Bi **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

CALIFORNIA

Wu, Joseph PhD, MD

Program Type: Merit Award **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

Wu, Joseph PhD, MD

Program Type: Undergraduate fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** American Heart Association - Stanford Cardiovascular Institute Undergraduate Fellowship Program **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award Amount:** \$60,000

CALIFORNIA

Wu, Sean PhD, MD

Program Type: Established Investigator Award **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

Wyseure, Tine BS, MS

Program Type: Postdoctoral Fellowship **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

Xiao, Xu PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** New pathways for cellular cholesterol transport **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

Yan, Lirong PhD

Program Type: Scientist Development Grant **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

Yang, Huaxiao PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Interrogating the Cardiovascular Toxicity of Volatile Organic Compounds from E-Cigarettes in hiPSC-derived Organoid **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Yao, Ting PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles **Project Title:** The role of IRF4 in muscle metabolism **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

CALIFORNIA

Yeang, Calvin MD PhD, BS

Program Type: Postdoctoral Fellowship **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: Career Development Award **Institution:** University of California, San Diego **City:** La Jolla **Project Title:** Biomechanics of Leukocyte Extravasation in Atherosclerosis Microenvironments: Role of Heterogeneous Matrix Stiffness **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Yen, Alberta BA, MD

Program Type: Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City:** Palo Alto **Project Title:** Using UK Biobank to Identify Factors Associated with Cardiovascular Disease Burden in Cancer Patients **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

CALIFORNIA

Yong, Celina MD, MSc

Program Type: Mentored Clinical & Population Research Program **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:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

CALIFORNIA

Yuan, Ke PhD, BS

Program Type: Scientist Development Grant **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:** 9/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

CALIFORNIA

Zhang, Jing PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Diego **City:** La Jolla
Project Title: Novel Therapeutics to Restore Cardiac Physiology and Circumvent Sudden Death in Arrhythmogenic Heart Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2
Total Award Amount: \$110,456

CALIFORNIA

Zhang, Zhi BSE, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City:** Los Angeles
Project Title: An estrogen related hypothalamic circuit controls obesity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CALIFORNIA

Zhao, Jianhua BSc, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of California, San Francisco **City:** San Francisco
Project Title: Molecular mechanism of TRPA1 activation and gating **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CALIFORNIA

Zhao, Mingtao PhD, DVM

Program Type: Career Development Award **Institution:** Stanford University, Stanford **City:** Stanford
Project Title: NOTCH Signaling in Human Vascular Development and CADASIL **Award Start Date:** 7/1/2018 **Award End Date:** 9/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CALIFORNIA

Ziaean, Boback PhD, MD

Program Type: Scientist Development Grant **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 **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

Azadani, Ali PhD

Program Type: Scientist Development Grant **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

Bark, David PhD, MS

Program Type: Career Development Award **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** Biomechanical Thromboinflammatory Microvascular Obstruction in Reperfusion Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

Blair, Irene PhD

Program Type: Strategically Focused Research Network **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

Borengasser, Sarah PhD

Program Type: Innovative Project Award **Institution:** University of Colorado Denver **City:** Denver **Project Title:** EPIGENETIC AND MICROBIOME RESPONSES TO A WEIGHT LOSS INTERVENTION **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$199,451

COLORADO

Bortot, Maria BSE, MSE

Program Type: Predoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Role of hydrodynamic forces on hemostasis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

Bristow, Michael MD PhD

Program Type: Strategically Focused Research Network **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

BUTTRICK, Peter MD

Program Type: Strategically Focused Research Network **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

Christensen, Tova BS

Program Type: Predoctoral Fellowship **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:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

Coates, Sydney BS

Program Type: Predoctoral Fellowship **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

Craighead, Daniel BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Colorado, Boulder **City:** Boulder **Project Title:** Efficacy of inspiratory muscle strength training for improving blood pressure and vascular function in mid-life adults **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

COLORADO

Davidson, Jesse MD, MPH

Program Type: Innovative Research Grant **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

Davidson, Jesse MD, MPH

Program Type: Innovative Project Award **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Pulmonary Vascular Growth in Infants with Single Ventricle Heart Disease: Deep Phenotyping and Biomarker Development **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

COLORADO

Di Pietro, Santiago PhD

Program Type: Grant-in-Aid **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

Dinunno, Frank PhD

Program Type: Transformational Project Award **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** Targeting Endoplasmic Reticulum Stress in Aging- and Obesity-Induced Vascular Dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

COLORADO

Disharoon, Dante BS, MS

Program Type: Predoctoral Fellowship **Institution:** Colorado School Of Mines **City:** Golden **Project Title:** Magnetically Controlled Drug Delivery Colloids for Rapid Fibrinolysis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

Garrity, Deborah PhD

Program Type: Grant-in-Aid **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

Gentile, Chris PhD, MS

Program Type: Transformational Project Award **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** Exploring A Novel Role of the Gut Microbiota In Obesity-Related Vascular Dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,996

COLORADO

Goerg, Carsten PhD

Program Type: Institute - Uncovering New Patterns Grant **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Analyzing Data to Accelerate Personalization of Treatment using Interactive Visual Exploration - Heart Failure **Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2019 **Total Years:** 1 **Total Award Amount:** \$149,920

COLORADO

Gross, Stephen MS, BS

Program Type: Predoctoral Fellowship **Institution:** University of Denver **City:** Denver **Project Title:**

Vascular Regulation of Collagen IV Polarized Secretion by Rab10 GTPase **Award Start Date:** 7/1/2018
Award End Date: 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

HAVRANEK, Edward

Program Type: Strategically Focused Research Network **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:** \$845,349

COLORADO

Jone, Pei-Ni BS, MD

Program Type: Mentored Clinical & Population Research Program **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 **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 **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:** 9/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

Kao, David BSE, MD

Program Type: Institute - Data Grant **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

KINI, Vinay BS, MD

Program Type: Career Development Award **Institution:** University of Colorado Denver **City:** Denver

Project Title: Optimizing Quality in the Use of Noninvasive Cardiovascular Testing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

COLORADO

Knoepke, Christopher PhD, MSW

Program Type: Career Development Award **Institution:** University of Colorado Denver **City:** Denver
Project Title: Supporting Patients' Fateful Decisions About Cardiovascular Therapies: Improved Models of Personal Values Clarification **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$229,769

COLORADO

Kumar, Rahul PhD

Program Type: Postdoctoral Fellowship **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 **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

Lark, Daniel PhD, MSc

Program Type: Innovative Project Award **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** A Novel Strategy to Study Cell-Specific Exosomes Secreted In Vivo **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

COLORADO

Leinwand, Leslie BS, PhD

Program Type: Transformational Project Award **Institution:** University of Colorado, Boulder **City:** Boulder **Project Title:** Mutant Myosin Misfolding as a Novel Mechanism of Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,999

COLORADO

Lu, Sizhao PhD, MD

Program Type: Postdoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** The protective role of PTEN against pathological vascular fibrosis and remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

COLORADO

Majtan, Tomas MSc, PharmD

Program Type: Scientist Development Grant **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 **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

McKinsey, Timothy PhD

Program Type: Strategically Focused Research Network **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, Luisa MD

Program Type: Grant-in-Aid **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

Ormond, D Ryan MD

Program Type: Career Development Award **Institution:** University of Colorado Denver **City:** Denver
Project Title: The role of mitochondrial transfer and mesenchymal stem cell transplantation in neuronal preservation after cardiac arrest **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$231,000

COLORADO

Park, Daewon BS, MS

Program Type: Grant-in-Aid **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

Portz, Jennifer PhD, MSW

Program Type: Career Development Award **Institution:** Colorado State University, Fort Collins **City:** Fort Collins **Project Title:** Cardiovascular Digital Health: The Social Convoy Heart Failure Symptom Tracker **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$226,756

COLORADO

Raghavan, Sridharan MD PhD, PhD

Program Type: Mentored Clinical & Population Research Program **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

Riching, Andrew BS

Program Type: Predoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Regulation of Cardiomyogenesis by TGF-beta signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

COLORADO

Rodgers, Krista PhD

Program Type: Scientist Development Grant **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

Sen, Rwik PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Cardiac Neural Crest Development By Kabuki Syndrome Genes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

COLORADO

Snell-Bergeon, Janet PhD

Program Type: Collaborative Sciences Award **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 **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 **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

Tencer, Adam BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** The molecular mechanism of the MORC ATPase activation. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

COLORADO

Wild, Angela BSC, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Colorado Denver **City:** Denver **Project Title:** Dynamics of Neuronal L-type Ca²⁺ 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

CONNECTICUT

Askenase, Michael PhD

Program Type: Postdoctoral Fellowship **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

Baldassarre, Lauren BA, MS

Program Type: Career Development Award **Institution:** Yale University **City:** New Haven **Project Title:** Advanced Cardiovascular Magnetic Resonance for Detection of Programmed Cell Death Protein-1 Deficient Myocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

Bennett, Anton PhD

Program Type: Grant-in-Aid **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

Boyé, Kevin BS, MSc

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** On-demand opening of the Blood-Brain Barrier through Unc5B regulation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CONNECTICUT

Campbell, Stuart BS, PhD

Program Type: Grant-in-Aid **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 **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

Chen, Ann BS

Program Type: Predoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Oral delivery of glyburide-loaded nanoparticles for ischemic stroke treatment **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

Chun, Hyung MD, BA

Program Type: Established Investigator Award **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

Chun, Hyung MD, BA

Program Type: Transformational Project Award **Institution:** Yale University **City:** New Haven **Project Title:** Translating the Apelinergic Pathway for Cardiometabolic Health **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

CONNECTICUT

Coon, Brian PhD

Program Type: Scientist Development Grant **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

Daley, James MD, BS

Program Type: Innovative Project Award **Institution:** Yale University **City:** New Haven **Project Title:** The use of REBOA as an adjunct to ACLS in non-traumatic cardiac arrest **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$199,998

CONNECTICUT

Dave, Jui PhD, MSc

Program Type: Postdoctoral Fellowship **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 **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

Falcone, Guido ScD, MD

Program Type: Institute - Democratizing Data **Institution:** Yale University **City:** New Haven **Project Title:** An informatic pipeline to democratize access to genetic data from minority patients with intracerebral hemorrhage **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

CONNECTICUT

Fernandez, Carlos

Program Type: Established Investigator Award **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

GENET, Gael PhD

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** EndophilinA2 mediated VEGFR2 endocytosis promotes endothelial cell migration **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CONNECTICUT

Gildart, Moriah BS

Program Type: Predoctoral Fellowship **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Regulation of Ryanodine Receptor Released Perinuclear Calcium by the mAKAP complex **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

Hajduk, Alexandra BS, MPH

Program Type: Mentored Clinical & Population Research Program **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

Kabir, Inamul BSC, MS

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Integrin-CD36 axis in smooth muscle cell fate and clonality in atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CONNECTICUT

Khosravi, Ramak BS

Program Type: Predoctoral Fellowship **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

Kiefer, Lea BA

Program Type: Predoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Elucidating the mechanism of JQ1 in heart failure by temporal RNA sequencing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

Li, Xiuqi BS

Program Type: Predoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Dissecting the Mechanism of FGF23 Elevation and Its Cardiac Consequences in Iron Deficiency Anemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

Lichtman, Judith PhD

Program Type: Grant-in-Aid **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

Lyu, Wanqing BS

Program Type: Predoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Regulation Mechanism of Microtubules by Abl2 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

Mansour, Sherry DO

Program Type: Career Development Award **Institution:** Yale University **City:** New Haven **Project Title:** The role of adaptive and maladaptive repair biomarkers in predicting cardiac and renal outcomes after an episode of AKI **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

Moledina, Dennis MBBS

Program Type: Career Development Award **Institution:** Yale University **City:** New Haven **Project Title:** T-CELL INFLAMMATORY MEDIATORS AS BIOMARKERS FOR DRUG-INDUCED ACUTE TUBULO-INTERSTITIAL NEPHRITIS **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

Murray, Katie BA

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Therapeutic targeting of angiophagy 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 **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 **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 **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

PETERSEN, Nils MD, MS

Program Type: Mentored Clinical & Population Research Program **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

Rotllan, Noemi PhD

Program Type: Scientist Development Grant **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

Saddouk, Fatima Zahra PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Reversal of Vascular Remodeling in Pulmonary hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

CONNECTICUT

Sessa, William PhD

Program Type: Merit Award **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 Sciences Award **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:** \$401,589

CONNECTICUT

Shi, Luyao MS, BS

Program Type: Predoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Direct Parametric Image Reconstruction for Dynamic Cardiac SPECT with Event-by-Event Simultaneous Motion Correction **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

CONNECTICUT

simon, bertrand PhD

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Investigation of the role of DNA-binding to the cerebral cavernous malformations protein KRIT1 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

Suarez, Yajaira BS, PhD

Program Type: Grant-in-Aid **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

Takacs, Constantin PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:** Genome organization and segregation in the spirochete bacterium *Borrelia burgdorferi*, the agent of Lyme carditis. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

CONNECTICUT

Taylor, Beth PhD, BS

Program Type: Grant-in-Aid **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

Tran, Melanie BSC, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Connecticut, Storrs **City:** Storrs **Project Title:** Regulation of microRNA on lipid and glucose homeostasis in fatty liver disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CONNECTICUT

Verma, Rajkumar BS, MS

Program Type: Career Development Award **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Therapeutic potential of purinergic P2X4 receptors in stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

CONNECTICUT

WANG, JUAN PhD

Program Type: Postdoctoral Fellowship **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 **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

Xu, Maria BA

Program Type: Clinical Health Profession Student Training Program **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 **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 **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

Yuan, Qianying PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Yale University **City:** New Haven **Project Title:**

Increased Reactive Oxygen Specie Production from Neutrophils by MAP3K2 and 3 Inhibition Protects ALI and CVDs **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

CONNECTICUT

Yue, Lixia PhD

Program Type: Grant-in-Aid **Institution:** University of Connecticut, Farmington **City:** Farmington **Project Title:** Elucidating Ca²⁺ 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, Huanjiao MD, MS

Program Type: Postdoctoral Fellowship **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, Jiangbing PhD

Program Type: Transformational Project Award **Institution:** Yale University **City:** New Haven **Project Title:** Targeted delivery of glyburide via antioxidant nanoparticles for stroke treatment **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

CONNECTICUT

Zhou, Wenping BS

Program Type: Predoctoral Fellowship **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 **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

Robinson, Austin PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Delaware **City:** Newark **Project Title:** The Influence of Peak Oxygen Consumption and Physical Activity on the Neurovascular Actions of

Dietary Salt **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

DELAWARE

Robson, Shannon PhD, MPH

Program Type: Scientist Development Grant **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 **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 **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

beaton, Andrea BS, MD

Program Type: Strategically Focused Research Network **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 **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

Gallicano, Ian BS, MS

Program Type: Innovative Project Award **Institution:** Georgetown University **City:** Washington **Project Title:** Molecular correction of mis-expressed genes that lead to Heart Failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

DISTRICT OF COLUMBIA

Geed, Shashwati PT, PhD

Program Type: Postdoctoral Fellowship **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

Kundu, Nabanita PhD

Program Type: Postdoctoral Fellowship **Institution:** George Washington University **City:** Washington
Project Title: Modified endothelial progenitor cells help to treat diabetic kidney disease **Award Start
Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

DISTRICT OF COLUMBIA

Massaro, An MD

Program Type: Grant-in-Aid **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 **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 **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

DISTRICT OF COLUMBIA

Zasadny, Frederick BSE, MS

Program Type: Predoctoral Fellowship **Institution:** George Washington University **City:** Washington
Project Title: Rapid spectral mapping of ventricular absorbance to quantify homeostatic energetics in
failing hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award
Amount:** \$53,688

FLORIDA

Bashur, Chris BS, ME

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Florida Institute of Technology, Melbourne **City:** Melbourne **Project Title:** Long-term Success of Electrospun Small-Diameter Vascular Grafts with Blended Compositions **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

FLORIDA

Breslin, Jerome PhD

Program Type: Undergraduate fellowship **Institution:** University of South Florida, Tampa **City:** Tampa **Project Title:** University of South Florida Heart Institute Summer Undergraduate Research Program **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award Amount:** \$60,000

FLORIDA

Buglo, Elena BS

Program Type: Predoctoral Fellowship **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** Dissecting the molecular underpinning of complex multi-system disorders in gene editing studies **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

FLORIDA

Corbett, Karen BS

Program Type: Predoctoral Fellowship **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 **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 **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 **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 **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

Dore, Sylvain PhD

Program Type: Grant-in-Aid **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

Douma, Lauren BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** Mechanism of Per1-Dependent Salt-Sensitive Non-Dipping Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

FLORIDA

Elfassy, Tali MS

Program Type: Postdoctoral Fellowship **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

Freeman, Daniel PhD

Program Type: Collaborative Sciences Award **Institution:** The Charles Stark Draper Laboratory, Inc. **City:** Tampa **Project Title:** Miniature Wireless Neuromodulation for the Treatment of Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$62,160

FLORIDA

Galam, Lakshmi PhD

Program Type: Scientist Development Grant **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

Ge, Mengyuan MB, MS

Program Type: Predoctoral Fellowship **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The Role of APOL1 and Cholesterol Dependent Podocyte Injury in Focal Segmental Glomerulosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

Hoffman, Brett BSC, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Florida, Gainesville **City:** Gainesville **Project Title:** The Role of a Gammaherpesvirus Noncoding RNA in Dissemination, Chronic Infection and Virus-Induced Vasculitis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

FLORIDA

Hu, Hui PhD, BS

Program Type: Scientist Development Grant **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

Hutcheson, Joshua PhD, MSc

Program Type: Scientist Development Grant **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 **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

KAMAT, PRADIP PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of Florida, Gainesville **City:** Gainesville

Project Title: Is carbon monoxide sufficient to reduce delayed cerebral ischemia and provide neuroprotection after SAH? **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

FLORIDA

Kanekiyo, Takahisa MD, PhD

Program Type: Scientist Development Grant **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 **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

Kassab, Alain PhD

Program Type: Transformational Project Award **Institution:** University of Central Florida **City:** Orlando
Project Title: Multiscale Hemodynamics Investigation of a Surgical Manoeuvre to Reduce Stroke Risk in Left Ventricular Assist Devices **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

FLORIDA

Kindy, Mark PhD

Program Type: Strategically Focused Research Network **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

Lassance-Soares, Roberta PhD

Program Type: Scientist Development Grant **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

Leeuwenburgh, Christiaan PhD

Program Type: Strategically Focused Research Network **Institution:** University of Florida, Gainesville
City: Gainesville **Project Title:** Calf Muscle Mitochondrial Dysfunction and Impaired Autophagy in

Peripheral Artery Disease **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$423,953

FLORIDA

Mankowski, Robert PhD, MS

Program Type: Career Development Award **Institution:** University of Florida, Gainesville **City:** Gainesville
Project Title: Cardiac Dysfunction in Older Sepsis Survivors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$224,023

FLORIDA

March, Keith PhD, MD

Program Type: Innovative Research Grant **Institution:** University of Florida, Gainesville **City:** Gainesville
Project Title: Adipose Stem Cell Secretome Provides Novel Functional and Molecular Cardiac Preservation **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

FLORIDA

Martinez, Eliana MD, PhD

Program Type: Scientist Development Grant **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

McFetridge, Peter PhD

Program Type: Grant-in-Aid **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

Mehrad, Borna MD

Program Type: Transformational Project Award **Institution:** University of Florida, Gainesville **City:** Gainesville
Project Title: Circulating fibrocytes as biomarkers of cardiac sarcoidosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

FLORIDA

Rehni, Ashish PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Miami, Miami **City:** Coral Gables
Project Title: ER stress mediates recurrent hypoglycemia-induced increase in ischemic brain damage in

diabetic rats **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

FLORIDA

Ryan, Terence BS, MS

Program Type: Career Development Award **Institution:** University of Florida, Gainesville **City:** Gainesville
Project Title: Role of PFKFB3 in peripheral artery disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

von Roemeling, Christina BS

Program Type: Predoctoral Fellowship **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

Wang, Lei PhD

Program Type: Career Development Award **Institution:** University of South Florida, Tampa **City:** Tampa
Project Title: Macula densa NOS1 beta and acute kidney injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

FLORIDA

Xue, Jianxiang BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of South Florida, Tampa **City:** Tampa
Project Title: Role of thick ascending limb NHE3 for salt homeostasis and blood pressure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

Yadav, Sunil BSC

Program Type: Predoctoral Fellowship **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 **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:** 3/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,350

FLORIDA

Yousefi, Keyvan PharmD

Program Type: Predoctoral Fellowship **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** The Role of Osteopontin in Heart Failure with Preserved Ejection Fraction (HFpEF) **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

FLORIDA

Yu, Wendou PhD

Program Type: Scientist Development Grant **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

Zigmond, Zachary BSA

Program Type: Predoctoral Fellowship **Institution:** University of Miami, Miami **City:** Coral Gables **Project Title:** c-Kit Expression and Activation Protects the Vascular SMC Contractile Phenotype and Reduces Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688