



American
Heart
Association.

American Heart Association Awardees in Alpha Order by State

Last Update: August 2019

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

**No current awardees*

ALABAMA

Stella Aslibekyan, 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

Bryan Becker, PhD

Program Type: Postdoctoral Fellowship Institution: University of Alabama at Birmingham City: Birmingham Project Title: Role of Renal Sensory Nerves in Mediating Hypertension Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

ALABAMA

Paula Chandler-Laney, 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

Ninad Chaudhary, 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

Pulin Che, 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

Jun Chen, BS, BA, MS, PhD

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

James Cimino, 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

Katelyn Dunigan, BS

Program Type: Predoctoral Fellowship Institution: University of Alabama at Birmingham City: Birmingham Project Title: Protective Effects of Thioredoxin Reductase Inhibition in the Lung: Regulation and Contribution of Heme Oxygenase-1 Award Start Date: 1/1/2019 Award End Date: 5/31/2021 Total Years: 2 Total Award Amount: \$53,688

ALABAMA

Patrick Ernst, 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

William Timothy Garvey, 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



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ALABAMA

William Timothy Garvey, 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

Meredith Gwin, BSC, AA, AS

Program Type: Predoctoral Fellowship Institution: University of South Alabama, Mobile City: Mobile Project Title: Gamma Secretase Activating Protein is Necessary for Endothelial Production of Cytotoxic Beta Amyloid Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

ALABAMA

Lorie Harper, 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

Kai Jiao, MD, PhD

Program Type: Innovative Project Award Institution: University of Alabama at Birmingham City: Birmingham Project Title: Examine the impact of congenital heart diseases on Alzheimer's disease. Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

ALABAMA

Kai Jiao, MD, PhD

Program Type: Transformational Project Award Institution: University of Alabama at Birmingham City: Birmingham Project Title: Epigenetic regulation of cardiac neural crest cell development Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

ALABAMA

Asher Kahn-Krell, BA, BS

Program Type: Predoctoral Fellowship Institution: University of Alabama at Birmingham City: Birmingham Project Title: Improved Myocardial Infarct Repair via Implantation of Inducible Cyclin D2 Expressing iPS-derived Cardiomyocytes Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688



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ALABAMA

Ramaswamy Kannappan, 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

Prasanna Krishnamurthy, PhD

Program Type: Transformational Project Award Institution: University of Alabama at Birmingham City: Birmingham Project Title: Targeting paracrine mediators to enhance cardiac regeneration and repair after injury Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

ALABAMA

Wesley Labarge, BS

Program Type: Predoctoral Fellowship Institution: University of Alabama at Birmingham City: Birmingham Project Title: Maturing Cyclin-D2 overexpressed hiPSC-CM Spheroid Tissues for the Improvement of LV Function after MI Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

ALABAMA

Charitharth Lal, 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

Ji Young Lee, 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

Carlos Orihuela, 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



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ALABAMA

Gregory Payne, BS, PhD, MD

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

Jennifer Pollock, PhD

Program Type: Strategic Renewal Grant Institution: University of Alabama at
Birmingham City: Birmingham Project Title: Mechanisms of salt-dependent shifts in
blood pressure rhythms Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total
Years: 2 Total Award Amount: \$400,000

ALABAMA

Aijun Qiao, PhD, MS, BA

Program Type: Career Development Award Institution: University of Alabama at
Birmingham City: Birmingham Project Title: A novel mechanism of gluconeogenesis and
ischemic heart disease Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total
Years: 3 Total Award Amount: \$231,000

ALABAMA

Gangjian Qin, MD

Program Type: Transformational Project Award Institution: University of Alabama at
Birmingham City: Birmingham Project Title: Ischemic cardiac exosomes and bone
marrow progenitor cells Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total
Years: 3 Total Award Amount: \$300,000

ALABAMA

Thomas Rich, 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

Ramaraju Rudraraju, PhD, MS, BS

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



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ALABAMA

Stephen Thomas, PhD

Program Type: Career Development Award Institution: University of Alabama at Birmingham City: Birmingham Project Title: Central and Peripheral Circadian Mechanisms Underlying Non-Dipping Blood Pressure in Blacks Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

ALABAMA

Hui Wu, 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

Shiyue Xu, 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

Xin Xu, 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

Junjie Yang, PhD

Program Type: Innovative Project Award Institution: University of Alabama at Birmingham City: Birmingham Project Title: Cardiac specific delivery of exosomes Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

ALABAMA

Dingguo Zhang, 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



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ALABAMA

Eric Zhang, 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

Liang Zheng, 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

ARIZONA

Brian Appavu, BS, MD

Program Type: Career Development Award Institution: Phoenix Children's Hospital City:
Phoenix Project Title: Multivariate Prediction of Stroke in Children Requiring Mechanical
Circulatory Support Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years:
3 Total Award Amount: \$231,000

ARIZONA

Amirhossein Arzani, PhD, MS, BS

Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution:
Northern Arizona University City: Flagstaff Project Title: The confounding effects of
hemodynamics on atherosclerosis progression Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$153,995

ARIZONA

Donna Collins-Mcmillen, 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

Mert Colpan, BSC, PhD

Program Type: Postdoctoral Fellowship Institution: University of Arizona, Tucson City:
Tucson Project Title: Identifying the role of adenylyl cyclase-associated protein 2 in
cardiac muscle. Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2
Total Award Amount: \$106,532



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ARIZONA

Daniel Combs, BS, BS

Program Type: Career Development Award Institution: University of Arizona, Tucson
City: Tucson Project Title: Examining the role of obstructive sleep apnea in cognitive and
quality of life impairment in children with CHD Award Start Date: 4/1/2019 Award End
Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

ARIZONA

Alexandra Garvin, BS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Arizona, Phoenix City:
Phoenix Project Title: Impact of Prior ACE inhibition on Fibroblast-Mediated Cardiac
Inflammation and Remodeling Post-Myocardial Infarction Award Start Date: 1/1/2019
Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

ARIZONA

Rayna Gonzales, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution:
University of Arizona, Phoenix City: Phoenix Project Title: Contribution of selective
vascular S1PR type 1 modulation during acute ischemic stroke Award Start Date:
1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$154,000

ARIZONA

Taben Hale, PhD, BSC

Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution:
University of Arizona, Phoenix City: Phoenix Project Title: Identifying a resident
fibroblast subpopulation to target for protection against cardiac fibrosis Award Start
Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$154,000

ARIZONA

Vic Keschrums, 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

Won Hee Lee, PhD, MS

Program Type: Scientist Development Grant Institution: University of Arizona, Phoenix
City: Phoenix 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



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ARIZONA

Qiang Liu, 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

Jeffrey Lochhead, 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

Mei Methawasin, MD, PhD

Program Type: Career Development Award Institution: University of Arizona, Tucson City: Tucson Project Title: Integrative studies of diastolic function of cardiomyocytes in health and disease. Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

ARIZONA

Patrick Ronaldson, PhD, BSC

Program Type: Transformational Project Award Institution: University of Arizona, Tucson City: Tucson Project Title: Statins Require Endogenous Blood-Brain Barrier Transporters to Confer Neuroprotective Effects in Stroke. Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

ARIZONA

Erica Soltero, 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

ARIZONA

Rebecca Vanderpool, PhD

Program Type: Career Development Award Institution: University of Arizona, Tucson City: Tucson Project Title: Role of HIF-2 α and Right Ventricular Fibrosis in the Development of Right Heart Failure and Pulmonary Hypertension Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000



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ARKANSAS

Kartik Balachandran, BS, MS, PhD

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

Morten Jensen, BS, MSc, PhD, DMSc

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

Nirmala Parajuli, DVM, MSc, PhD

Program Type: Transformational Project Award Institution: Arkansas Childrens Hospital City: Little Rock Project Title: Targeting renal immunoproteasome during cold storage to improve transplant-associated cardiovascular health Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

ARKANSAS

Sung Rhee, PhD

Program Type: Transformational Project Award Institution: University of Arkansas for Medical Sciences, Little Rock City: Little Rock Project Title: Impaired cerebral collateral dilation in hypertension: implications for stroke damage and antihypertensive therapy Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

ARKANSAS

Ishita Tandon, BS

Program Type: Predoctoral Fellowship Institution: University of Arkansas, Fayetteville City: Fayetteville Project Title: Label-Free Metabolic Biomarkers to Assess Early Pathophysiological Changes during Calcific Aortic Valve Disease Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Fayal Abderemane-Ali, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Functional and structural studies of Voltage-



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Gated Sodium Channels using Batrachotoxin Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CALIFORNIA

Zsuzsa Akos, 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

Michelle Albert, BS, MD, MPH

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

Verena Albert, 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

Kevin Alexander, MD

Program Type: AHA-AMFDP Scholar Institution: Stanford University, Stanford City: Stanford Project Title: Novel molecular insights into V122I transthyretin cardiac amyloidosis: A critical yet underdiagnosed cause of Heart Fail Award Start Date: 7/1/2019 Award End Date: 6/30/2023 Total Years: 4 Total Award Amount: \$420,000

CALIFORNIA

Matthew Allison, BS, MD, MPH

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

Matthew Allison, BS, MD, MPH

Program Type: Strategically Focused Research Network Institution: University of



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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

Prasanna Allu, 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

Vishnu Amaram, BS, MSc

Program Type: Predoctoral Fellowship Institution: Beckman Research Institute of City of Hope City: Duarte Project Title: Role of Angiotensin II induced enhancer associated long non-coding RNA Alive in the chondrogenic transformation of VSMC Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Eric Appel, PhD

Program Type: Collaborative Sciences Award Institution: Stanford University, Stanford City: Stanford Project Title: Patient- and Disease-Specific Exosomes for Precision Therapeutics of Heart Failure Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$100,000

CALIFORNIA

Reza Ardehali, BS, PhD, MD

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

Moshe Arditi, MD

Program Type: Transformational Project Award Institution: Cedars-Sinai Medical Center City: Los Angeles Project Title: Role of Rlp2 in T cells and Atherogenesis Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Rima Arnaout, MD, BS

Program Type: Institute - Methods Validation Grant Institution: University of California,



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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

Mersedeh Bahr Hosseini, 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

Meirong Bai, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Elucidating the Role and Mechanisms of MANF-mediated Cardioprotection Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Ruchika Bajaj, BSc, MSc, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Understanding Structure-Function Relationships in Multidrug Resistance Protein 4 (MRP4) Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CALIFORNIA

Benjamin Barsi-Rhyne, BS

Program Type: Predoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Developing nanobodies to detect and perturb beta-arrestin in living cells Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Halesha Basavarajappa, BSc, MS, PhD

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

Kirollos Bechay, BS



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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

Barbara Bensing, PhD, MS, BS

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

Daniel Bernstein, 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

Ambre Bertholet, PhD

Program Type: Career Development Award Institution: University of California, San
Francisco City: San Francisco Project Title: Controlling mitochondrial H⁺ leak to combat
metabolic syndrome and heart diseases Award Start Date: 4/1/2019 Award End Date:
6/30/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Ewa Bielczyk-Maczynska, PhD, MSc, MSc, BS

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

Katja Birker, 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

Paola Bisignano, PhD



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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

Helen Blau, PhD, MA, BA

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

Julia Boehm, 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

Laura Bouchareychas, BA, MSc, PhD

Program Type: Postdoctoral Fellowship Institution: NCIRE The Veterans Health Research Institute City: San Francisco Project Title: Influence of Hyperglycemia on Macrophage-derived Exosomes in Diabetic Atherosclerosis. Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Cameron Brand, PhD, BS

Program Type: Postdoctoral Fellowship Institution: University of California, San Diego City: La Jolla Project Title: Transcriptional Regulation in Cardiomyocytes by S1P Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Susanna Brantley, BS, MS

Program Type: Predoctoral Fellowship Institution: Stanford University, Stanford City: Stanford Project Title: Dissecting How Diverse TGF-beta Signaling Responses Promote Different Cell Fate Decisions in a Tissue Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688



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CALIFORNIA

Shane Browne, 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

Courtney Carlson, BS

Program Type: Predoctoral Fellowship Institution: University of California, Irvine City:
Irvine Project Title: Developing a novel molecular memory recording system to
interrogate the role of hypoxia in cardiogenesis Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Sheila Castaneda,

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

Amandine Chaix, 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

Michelle Chan, 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

Tara Chang, BA, MD, MS

Program Type: Innovative Project Award Institution: Stanford University, Stanford City:
Stanford Project Title: CREATING A PLATFORM FOR POINT-OF-CARE PRAGMATIC
CLINICAL TRIALS: COMPARING DIURETIC STRATEGIES IN HEART FAILURE Award Start
Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000



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CALIFORNIA

Karthickeyan Chella Krishnan, 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

Ian Chen, 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

Jiapei Chen, BS

Program Type: Predoctoral Fellowship Institution: University of California, San Francisco
City: San Francisco Project Title: Role of pericyte in the pathogenesis of germinal matrix
hemorrhage Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total
Award Amount: \$53,688

CALIFORNIA

Ju Chen, 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

Xingxing Cheng, MD

Program Type: Career Development Award Institution: Stanford University, Stanford
City: Stanford Project Title: Performance-based risk stratification for coronary artery
disease on the kidney transplant waitlist Award Start Date: 4/1/2019 Award End Date:
3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Aichi Chien, 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



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CALIFORNIA

Deborah Chin, BS

Program Type: Predoctoral Fellowship Institution: University of Southern California City: Los Angeles Project Title: Targeting atherosclerotic calcification by multimodal miR-145 micelles Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Onur Cil, 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

Bethan Clifford, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, Los Angeles City: Los Angeles Project Title: A Novel Mechanism for the Regulation of Plasma Cholesterol by Silencing the E3 Ligase, RNF130 Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Ivan Cokic, 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

Bonnie Cole, BS

Program Type: Predoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Determine How Transcription Factor Complexes Regulate Differentiation of Human Cardiac Progenitor Cells Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Pauline Colombier, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Defining the Endothelin-dependent gene regulatory network in neural crest development Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532



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CALIFORNIA

Robert Cudmore, PhD

Program Type: Scientist Development Grant Institution: University of California, Davis
City: Davis Project Title: Longitudinal in vivo two-photon imaging of cerebral vascular
plasticity following stroke in awake, behaving young and ag Award Start Date: 1/1/2016
Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: \$308,000

CALIFORNIA

Geoffrey De Couto, 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

Yichen Ding, 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

Asuka Eguchi, BS, MS, PhD

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

Liana Engie, BA

Program Type: Predoctoral Fellowship Institution: University of Southern California City:
Los Angeles Project Title: Genetic Regulation in Congenital Heart Defects: Studying
Functionality of eRNAs Identified Through Non-Coding GWAS Award Start Date:
1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Daniel Ennis, PhD

Program Type: Innovative Project Award Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: The Cardiac Connectome for
Understanding the Electromechanics of Heart Failure Award Start Date: 7/1/2019 Award
End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000



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CALIFORNIA

Minrui Fan, BS, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of Medicine, Palo Alto City: Palo Alto Project Title: Molecular mechanism of mitochondrial calcium transport in the heart Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Andrew Fire, PhD

Program Type: Collaborative Sciences Award Institution: Stanford University, Stanford City: Stanford Project Title: Patient- and Disease-Specific Exosomes for Precision Therapeutics of Heart Failure Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$140,000

CALIFORNIA

James Friend, PhD

Program Type: Innovative Project Award Institution: University of California, San Diego City: La Jolla Project Title: Fully steerable microcatheters for quantifiably effective treatment of strokes Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$199,812

CALIFORNIA

Fred Gage, PhD

Program Type: AHA Allen Brain Health Initiative Institution: The Salk Institute for Biological Studies City: La Jolla Project Title: Understanding the cell biological drivers of aging as risk factors for cognitive impairment Award Start Date: 1/1/2019 Award End Date: 12/31/2026 Total Years: 8 Total Award Amount: \$19,200,000

CALIFORNIA

Marcin Gamdzysk, 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

Peiheng Gan, 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



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CALIFORNIA

Shashank Gandhi, 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

Rituparna Ganguly, PhD

Program Type: Postdoctoral Fellowship Institution: Beckman Research Institute of City of Hope City: Duarte Project Title: Role of lncRNA Snhg18 in diabetes-induced macrophage dysfunction and atherosclerosis Award Start Date: 1/1/2019 Award End Date: 3/31/2021 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Chen Gao, BS, PhD

Program Type: Career Development Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Novel Cardiac Protective mRNA Surveillance Mechanism Mediated by RBFOX1 Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Sen Gao, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Somatic Mosaicism in Cerebral Arteriovenous Malformations Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$103,328

CALIFORNIA

Wei Gao, BS, MS, PhD

Program Type: Transformational Project Award Institution: California Institute of Technology, Pasadena City: Pasadena Project Title: A Wearable Molecular Sensing Platform for Non-Invasive Heart Failure Monitoring Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Parveen Garg, MD, MPH

Program Type: Transformational Project Award Institution: University of Southern California City: Los Angeles Project Title: Novel Identification of Myocardial Scar Tissue using Arterial Spin Labeling Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$299,989



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CALIFORNIA

Vivek Garg, 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

Nestor Gonzalez, MD

Program Type: Transformational Project Award Institution: Cedars-Sinai Medical Center City: Los Angeles Project Title: Angiogenesis and Exosomal microRNA in Intracranial Atherosclerosis Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Tomas Gonzalez Fernandez, PhD, BSC, BS

Program Type: Postdoctoral Fellowship Institution: University of California, Davis City: Davis Project Title: Coupling Innervation and Vascularization in a 3D Printed Electroconductive Construct for the Healing of Diabetic Wounds Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

Barbara Gonzalez Teran, 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

Roberta Gottlieb, 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

Brian Griffiths, BA, MA, PhD

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



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CALIFORNIA

Maria Clara Guida, 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

Laura Healy, 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

Franziska Heydenreich, DSc, MSc, BSc

Program Type: Postdoctoral Fellowship Institution: Stanford University School of Medicine, Palo Alto City: Palo Alto Project Title: The role of beta-adrenergic receptor dynamics in signaling Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Lauren Higdon, 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

Karen Hirsch, 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

Gordon Ho, MD

Program Type: Career Development Award Institution: University of California, San Diego City: La Jolla Project Title: Mechanisms Underlying Recurrent Atrial Fibrillation in Patients with Prior Ablation and Isolated Pulmonary Veins Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$210,000



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CALIFORNIA

Evelyn Hoover, BS

Program Type: Predoctoral Fellowship Institution: University of California, Irvine City: Irvine Project Title: Regulation of Thrombosis During Vascular Infection Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Jijun Huang, 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

Erik Ingelsson, MD, PhD

Program Type: Transformational Project Award Institution: Stanford University School of Medicine, Palo Alto City: Palo Alto Project Title: Discovery and characterization of novel genes associated with risk for non-alcoholic fatty liver disease Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Harini Iyer, PhD, MSc, BS

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

Meiyan Jin, 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

Granton Jindal, BS, MA, PhD

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



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CALIFORNIA

Jihye Jung, 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

Ioannis Karakikes, PhD

Program Type: Innovative Project Award Institution: Stanford University, Stanford City: Stanford Project Title: Genetic Engineering to Protect Against Cardiovascular Disease Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Masataka Kawana, MD

Program Type: Career Development Award Institution: Stanford University, Stanford City: Stanford Project Title: Dissecting the molecular effects of mutations on the myosin regulatory light chain associated with HCM Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$230,997

CALIFORNIA

Ali Khademhosseini, 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

Zakir Khan, PhD

Program Type: Career Development Award Institution: Cedars-Sinai Medical Center City: Los Angeles Project Title: Angiotensin converting enzyme and neutrophil immune response to heart infection Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Oleg Kim, 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



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CALIFORNIA

Paul Kim, 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

Taishi Kimura, PhD, MS, BS

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

Arthur Ko, BS, PhD

Program Type: Career Development Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Utilizing a novel portable imaging device to accelerate human genomic and diagnostic studies of cardiometabolic diseases Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Shruthi Krishnamurthy, BSC, MSc, PhD

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 human cells Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Sanjeev Kumar, PhD, MD, MBBS

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

Chi Keung Lam, BS, PhD

Program Type: Career Development Award Institution: Stanford University, Stanford City: Stanford Project Title: Dissecting the Pathogenesis of Presenilin-2 Mutation in Dilated Cardiomyopathy Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000



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CALIFORNIA

Vladimir Lazetic, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Diego
City: La Jolla Project Title: The Intracellular Pathogen Response - a novel proteostasis
regulatory pathway Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years:
2 Total Award Amount: \$106,532

CALIFORNIA

Thomas Lechuga, BS, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, Irvine City:
Irvine Project Title: Estrogens and Endothelial Hydrogen Sulfide Biosynthesis Award
Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount:
\$110,456

CALIFORNIA

Nicholas Leeper, MD, BA

Program Type: Established Investigator Award Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: Intersecting immunology, cancer
biology and vascular disease to pursue the atherosclerotic stem cell Award Start Date:
4/1/2019 Award End Date: 3/31/2024 Total Years: 5 Total Award Amount: \$400,000

CALIFORNIA

Qin Li, 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

Yan Li, BS, MS, 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

Ronglih Liao, PhD

Program Type: Strategic Renewal Grant Institution: Stanford Hospital and Clinics City:
Palo Alto Project Title: Molecular imaging and cellular toxicity measures for early
diagnosis of AL amyloid cardiomyopathy Award Start Date: 7/1/2019 Award End Date:
6/30/2021 Total Years: 2 Total Award Amount: \$250,000



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CALIFORNIA

Chun-Yan Lim, 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

Amanda Lin, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: The Role of dPKC Phosphorylation of
Troponin I in Cardiac Reperfusion Injury Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Yun Lin, BSC, MSc, PhD

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

Chun Liu, PhD, BSC

Program Type: Career Development Award Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: Targeting Endothelial Cells Modulation
for Cardiometabolic Treatment Award Start Date: 4/1/2019 Award End Date:
6/30/2022 Total Years: 3 Total Award Amount: \$229,994

CALIFORNIA

Qing Liu, PhD, MS, BS

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

Yanxin Liu, 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



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CALIFORNIA

Ning Ma, 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

Julia Mack, PhD

Program Type: Career Development Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Flow Dependent Endothelial Cell Polarization Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Alison Marsden, PhD, MSE, BSE

Program Type: Transformational Project Award Institution: Stanford University, Stanford City: Stanford Project Title: Hemodynamic determinants of premature pulmonary valve dysfunction in children with Tetralogy of Fallot Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Zong Miao, BS

Program Type: Predoctoral Fellowship Institution: University of California, Los Angeles City: Los Angeles Project Title: Transcriptional changes affecting cardiometabolic traits in Mexicans Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Shigeki Miyamoto, PhD, DVM

Program Type: Transformational Project Award Institution: University of California, San Diego City: La Jolla Project Title: RhoA prevents cardiac aging through regulation of mitophagy and NLRP3 inflammasome. Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Leila Mohammadi, MD, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Relative endothelial toxicity of tobacco smoke and e-cigarette aerosol: a functional and mechanistic assessment. Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$118,628



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CALIFORNIA

Priya Mohindra, 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

Sabee Molloy, PhD

Program Type: Transformational Project Award Institution: University of California,
Irvine City: Irvine Project Title: Quantification of coronary heart disease based on FFR
and CFR from direct blood flow measurement using low-dose CT Award Start Date:
7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$299,128

CALIFORNIA

Joshua Morgan, PhD

Program Type: Innovative Project Award Institution: University of California, Riverside
City: Riverside Project Title: Integration of tardigrade survival proteins to increase
resilience of vascularized graft tissue in ischemic environments Award Start Date:
7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Megan Mueller, PhD, MPH

Program Type: Career Development Award Institution: University of California, Los
Angeles City: Los Angeles Project Title: Restaurant corporate social responsibility and
associations with business practices relevant to cardiovascular health Award Start Date:
4/1/2019 Award End Date: 5/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Debanjan Mukhopadhyay, BSc, MSc, PhD

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

Mark Musen, MD, PhD

Program Type: Institute - Data Harmonization Pilot Institution: Stanford University
School of Medicine, Palo Alto City: Palo Alto Project Title: Clinical trials data to drive
precision management of cardiovascular disease Award Start Date: 10/5/2018 Award
End Date: 10/4/2020 Total Years: 2 Total Award Amount: \$300,000



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CALIFORNIA

Jason Nagata, MD

Program Type: Career Development Award Institution: University of California, San Francisco City: San Francisco Project Title: Adolescent and Young Adult Physical Activity Trajectories and Future Cardiovascular Disease Risk Award Start Date: 4/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Vaishaali Natarajan, PhD, MS, BS

Program Type: Postdoctoral Fellowship Institution: Gladstone Institute, San Francisco City: San Francisco Project Title: Rejuvenating Aged Hematopoietic Stem Cells with Pluripotent Stem Cell-Secretome Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Claudia Nau, MA, PhD

Program Type: Innovative Project Award Institution: Kaiser Foundation Hospitals City: Oakland Project Title: Electronic Health Records for assessing real-time changes in local CVD risk-factor prevalence Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Surya Nauli, PhD, BS

Program Type: Innovative Project Award Institution: Chapman University City: Orange Project Title: Aneurysm and Nanoparticles Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Kim-Lien Nguyen, MD

Program Type: Transformational Project Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Ferumoxitol-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

Patricia Nguyen, 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



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CALIFORNIA

Quynh Nguyen, 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

Chiara Nicoletti, BSC, MS, PhD

Program Type: Postdoctoral Fellowship Institution: Sanford Burnham Prebys Medical
Discovery Institute, La Jolla City: La Jolla Project Title: Identification and functional
characterization of pathogenic SNPs for muscle-driven cardiovascular disorders Award
Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount:
\$103,328

CALIFORNIA

Samantha Odwyer, 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

Marco Orecchioni, BS, MS, PhD

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

Lindsey Padgett, BS, PhD

Program Type: Postdoctoral Fellowship Institution: La Jolla Institute for Allergy and
Immunology City: San Diego Project Title: Exploring a Novel CD8 T cell Subset in
Cardiovascular Disease Progression Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Namuna Panday, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, Los Angeles
City: Los Angeles Project Title: Unraveling the functional role of the Na-dependent
inactivation in the cardiac Na-Ca exchanger Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060



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CALIFORNIA

Gaspard Pardon, BSc, MSc, PhD

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

Rushi Parikh, 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

Alexander Patananan, BS, MS, PhD

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

Carmen Peralta, MD, MA, BA

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

Isaac Perea Gil, BSc, BSc, MSc, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of Medicine, Palo Alto City: Palo Alto Project Title: Deciphering Genotype-Phenotype Association in Hypertrophic Cardiomyopathy Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

Alexander Perino, MD

Program Type: Institute - AI and ML Training Grants Institution: Stanford University School of Medicine, Palo Alto City: Palo Alto Project Title: Machine and Deep Learning to Identify Heart Failure Trajectory Phenotypes in Atrial Fibrillation Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$100,000



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CALIFORNIA

Thanh Pham, 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

Donna Poscablo, BS, MS

Program Type: Predoctoral Fellowship Institution: University of California, Santa Cruz
City: Santa Cruz Project Title: Defining Cellular and Molecular Mechanisms of the Age-
Specific Platelet Pathway Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total
Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Beth Pruitt, PhD, BS, MS

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

Jiang Qian, PhD, MS, MD

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

Xulei Qin, 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

Anand Ramasubramanian, PhD, MS, BS

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



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CALIFORNIA

Lu Ren, 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

Megan Rexius, PhD

Program Type: Postdoctoral Fellowship Institution: University of Southern California City: Los Angeles Project Title: Engineering a Myocardial Infarct "Border Zone on a Chip" for Studying Intercellular Communication Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

June-Wha Rhee, MD

Program Type: Career Development Award Institution: Stanford University, Stanford City: Stanford Project Title: Patient-specific modeling of metabolic dysfunction in statin-induced myopathy using iPSC-derived myocytes Award Start Date: 4/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Manuel Rosa-Garrido, BS, BS, PhD

Program Type: Career Development Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Integrative Analysis of Genetic Variation and Chromatin Structure in Heart Failure Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Veerle Rottiers, BS, MS, PhD

Program Type: Scientist Development Grant Institution: University of California, Berkeley City: Berkeley Project Title: Functional analysis of conserved lipid homeostasis genes. Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: \$308,000

CALIFORNIA

Suvrajit Saha, 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



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CALIFORNIA

Tamer Sallam, BS, BA, MD

Program Type: Transformational Project Award Institution: University of California, Los Angeles City: Los Angeles Project Title: Towards lncRNA-based interventions in cardiovascular disease Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Saul Schaefer, MD

Program Type: Transformational Project Award Institution: University of California, Davis City: Davis Project Title: TSPO modulation prevents heart failure by increasing fatty acid oxidation Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Dorothy Sears, 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

Kinya Seo, PhD, MS, BA

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

Shawn Shadden, 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

Ningyi Shao, 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



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CALIFORNIA

Kohei Shimaji, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, Irvine City: Irvine Project Title: Exploring the link between the circadian clock and metabolism in the heart Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

Urvi Nikhil Shroff, MSc

Program Type: Predoctoral Fellowship Institution: University of Southern California City: Los Angeles Project Title: Macula densa targeting to promote renal and systemic angiogenesis Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Eduardo Silva, PhD

Program Type: Innovative Project Award Institution: University of California, Davis City: Davis Project Title: Engineering new vascular networks with therapeutic lymphangiogenesis strategies Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Mitchell Simon, BS, MS

Program Type: Predoctoral Fellowship Institution: University of California, Davis City: Davis Project Title: Mechanisms of CaMKII δ Regulation by S-Nitrosylation in the Heart Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CALIFORNIA

Jon Sin, PhD, BS

Program Type: Career Development Award Institution: Cedars-Sinai Medical Center City: Los Angeles Project Title: Targeting viral-mitochondrial interactions to suppress coxsackievirus B- induced myocarditis Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Neel Singhal, 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



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CALIFORNIA

Padmini Sirish, BS, MSc, MS, PhD

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

Daniel Soetkamp, PhD, MSc, BSC

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

Martin Spang, 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

Randall Stafford, BS, PhD, MD, MS

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

Lyndsay Stapleton, 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: 9/30/2020 Total Years:
2 Total Award Amount: \$53,688

CALIFORNIA

Yujuan Su, PhD, BS

Program Type: Postdoctoral Fellowship Institution: University of California, San Diego
City: La Jolla Project Title: Mapping the Sensory Neurons that Control Lung Function
Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award
Amount: \$104,060



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CALIFORNIA

Xiaoli Sun, 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

Junji Suzuki, 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

Ondrej Svoboda, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Diego
City: La Jolla Project Title: The significance of Kit ligand signaling in vertebrate
hematopoiesis Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2
Total Award Amount: \$110,456

CALIFORNIA

Srinivas Tapa, 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

Dhananjay Thakur, BSc, MSc, MS, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, Santa
Barbara City: Santa Barbara Project Title: A Sensitive, Non-Invasive System for
Manipulation of Neuronal Activity Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Isac Thomas, 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



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CALIFORNIA

Marlin Touma, 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

Le Trinh, PhD

Program Type: Innovative Project Award Institution: University of Southern California City: Los Angeles Project Title: Decoding noncoding GWAS in Congenital Heart Disease Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Philip Tsao, PhD, BS

Program Type: Innovative Project Award Institution: Palo Alto Veterans Institute for Research City: Palo Alto Project Title: Plasma therapy for abdominal aortic aneurysm Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CALIFORNIA

Gianluca Turcatel, 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

Andrew Udit, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Occidental College, Los Angeles City: Los Angeles Project Title: Neutralizing heparin activity using engineered virus nanoparticles Award Start Date: 1/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$154,000

CALIFORNIA

Tobias Ulmer, 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



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CALIFORNIA

Anusha Vable ., ScD

Program Type: Career Development Award Institution: University of California, San Francisco City: San Francisco Project Title: Reducing socioeconomic and racial disparities in CVD: evaluation of potential effects of educational interventions Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Moriel Vandsburger, PhD, BS

Program Type: Transformational Project Award Institution: University of California, Berkeley City: Berkeley Project Title: Molecular MRI methods for integrative physiological imaging in gene therapy Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Igor Vorobyov, PhD, MS, BS

Program Type: Career Development Award Institution: University of California, Davis City: Davis Project Title: Elucidation of molecular mechanisms of sex-based arrhythmias Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Tobias Wagner, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Diego City: La Jolla Project Title: Oxidative Stress Changes the Cardiac CTCF Network to Modulate SIRT1 Expression and Susceptibility to MI Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CALIFORNIA

Christine Wahlquist, BS, MS, PhD

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

Bingyan Wang, BS, MSc, MS

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



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CALIFORNIA

Charles Wang, MD, MPH, PhD

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

Hanjay Wang, 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

Huan Wang, 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

Paul Wang, 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

Rong Wang, PhD, BS

Program Type: Transformational Project Award Institution: University of California, San Francisco City: San Francisco Project Title: Identifying Molecular Regulators of Hereditary Hemorrhagic Telangiectasia In a Novel Mouse Model Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CALIFORNIA

Yan Wang, PhD, MSc, BS

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Monitoring Intracranial Aneurysm Growth: Morphology and Biomechanics Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456



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CALIFORNIA

Yangmeng Wang, BA, MS, PhD

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

Ying Wang, 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

Lai Wen, BS, MS, PhD

Program Type: Postdoctoral Fellowship Institution: La Jolla Institute for Allergy and Immunology City: San Diego Project Title: Kindlin-3 recruitment precedes high affinity integrin activation Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CALIFORNIA

Martin Willeminck, 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

Robert Wirka, 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

Andrew Wisneski, BS, MD

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



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CALIFORNIA

Joseph Wu, 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

Joseph Wu, 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

Roland Wu, BS, MD

Program Type: Career Development Award Institution: University of California, San
Francisco City: San Francisco Project Title: The Identification of Endocardial Regulatory
Elements in Cardiac Regeneration Award Start Date: 4/1/2019 Award End Date:
3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CALIFORNIA

Sean Wu, 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

Tony Wyss-Coray, PhD

Program Type: AHA Allen Brain Health Initiative Institution: Stanford University,
Stanford City: Stanford Project Title: Immunomodulation to promote cerebrovascular
and cognitive health Award Start Date: 1/1/2019 Award End Date: 12/31/2026 Total
Years: 8 Total Award Amount: \$9,600,000

CALIFORNIA

Xu Xiao, 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



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CALIFORNIA

Ting Xie, MD, PhD

Program Type: Career Development Award Institution: Cedars-Sinai Medical Center
City: Los Angeles Project Title: Epithelial growth hormone receptor regulation of
pulmonary fibrosis Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3
Total Award Amount: \$231,000

CALIFORNIA

Huaxiao Yang, PhD, MS, BS, BS

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

Phillip Yang, MD

Program Type: Collaborative Sciences Award Institution: Stanford University, Stanford
City: Stanford Project Title: Patient- and Disease-Specific Exosomes for Precision
Therapeutics of Heart Failure Award Start Date: 7/1/2019 Award End Date: 6/30/2022
Total Years: 3 Total Award Amount: \$510,000

CALIFORNIA

Ting Yao, PhD, MS, BS

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

Yi-Ting Yeh, BS, MS, PhD

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

Alberta Yen, 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



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CALIFORNIA

Dongjoo You, PhD, BS

Program Type: Postdoctoral Fellowship Institution: University of California, Berkeley
City: Berkeley Project Title: The role of adipose Tet1 as an epigenetic regulator of
adaptive thermogenesis and whole body metabolism Award Start Date: 1/1/2019 Award
End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

Ke Yuan, 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

Kanako Yuki, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: Wnt signaling regulation in the blood-
brain barrier and therapeutic applications Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CALIFORNIA

Maedeh Zamani, BS, MS, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: Stiffness Modulates Endothelial-to-
Mesenchymal Transition in Stenotic Vascular Grafts Award Start Date: 1/1/2019 Award
End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CALIFORNIA

Daniela Zanetti, PhD

Program Type: Postdoctoral Fellowship Institution: Stanford University School of
Medicine, Palo Alto City: Palo Alto Project Title: The role of kidney function in
cardiovascular disease: a UK Biobank study Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$106,532

CALIFORNIA

Weizheng Zeng, PhD, BS

Program Type: Career Development Award Institution: Scripps Research Institute City:
La Jolla Project Title: ROLES OF PIEZO1 IN NEURONAL SENSING OF BLOOD PRESSURE
AND THE BAROREFLEX Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total
Years: 3 Total Award Amount: \$231,000



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CALIFORNIA

Jing Zhang, 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

Zhi Zhang, BSE, MSc, PhD

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

Jianhua Zhao, 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

Mingtao Zhao, PhD, DVM, BS

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

Junyi Zhu, PhD, MSc, BS

Program Type: Postdoctoral Fellowship Institution: University of California, Los Angeles
City: Los Angeles Project Title: Rescue of heart pathology caused by deleterious
mitochondrial DNA mutations Award Start Date: 1/1/2019 Award End Date: 12/31/2020
Total Years: 2 Total Award Amount: \$110,456

CALIFORNIA

Boback Ziaieian, 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 GWTC-Stroke Registry Award
Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount:
\$231,000



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CALIFORNIA

Ivana Zlatanova, PhD

Program Type: Postdoctoral Fellowship Institution: University of California, San Francisco City: San Francisco Project Title: Identification and functional characterization of endocardial enhancers Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

COLORADO

Ayed Allawzi, BS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City: Denver Project Title: Assessing the impact of EC-SOD on alveolar macrophage programming in settings of lung inflammation Award Start Date: 1/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$106,532

COLORADO

Larry Allen, 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

David Bark, PhD, MS, BS

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

Sarah Borengasser, 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

Maria Bortot, BSE, MSE, MSc

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



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COLORADO

Michael Bristow, 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

Peter Buttrick, 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

Suet Nee Chen, BS, MSc, PhD

Program Type: Career Development Award Institution: University of Colorado Denver City: Denver Project Title: The role of TP53 and Hippo Pathways in the pathogenesis of LMNA cardiomyopathy Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

COLORADO

Tova Christensen, 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

Daniel Craighead, 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

Jesse Davidson, 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



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COLORADO

Catherine Derington, BS, PharmD

Program Type: Postdoctoral Fellowship Institution: Kaiser Permanente, Aurora City:
Aurora Project Title: Effectiveness and Safety of Twice-Daily Lisinopril and Losartan
Award Start Date: 1/1/2019 Award End Date: 12/31/2019 Total Years: 1 Total Award
Amount: \$52,216

COLORADO

Dante Disharoon, 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

Marina Felisbino, PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City:
Denver Project Title: Epigenetic Regulation of Cardiac Fibroblast Senescence by Class I
Histone Deacetylases Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total
Years: 2 Total Award Amount: \$104,060

COLORADO

Joshua Garcia, BS

Program Type: Predoctoral Fellowship Institution: University of Colorado Denver City:
Denver Project Title: Differential regulation of GABAAR trafficking during OGD in
vulnerable and resistant neuronal populations. Award Start Date: 1/1/2019 Award End
Date: 6/30/2021 Total Years: 2 Total Award Amount: \$53,688

COLORADO

Chris Gentile, 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

Stephen Gross, 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



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COLORADO

Paul Hess, MD

Program Type: Career Development Award Institution: Denver Research Institute City: Denver Project Title: How Do High-Value Hospitals Succeed in Heart Failure Transitional Care? A Multi-Methods Proposal Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

COLORADO

Jill Kaar, 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

Walter Knight, BA, MS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City: Denver Project Title: Regulation of signaling in hypertrophic cardiomyopathy Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

COLORADO

Christopher Knoepke, PhD, MSW, BA

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

Rahul Kumar, PhD

Program Type: Career Development Award Institution: University of Colorado Denver City: Denver Project Title: Hif2-alpha stabilization in Interstitial Macrophages Causes Thrombospondin-1 Mediated Hypoxic Pulmonary Hypertension Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

COLORADO

Jakub Kwiecinski, 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



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COLORADO

Daniel Lark, PhD, MSc, BS

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

Leslie Leinwand, 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

Sizhao Lu, 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

Timothy Mckinsey, 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

D Ryan Ormond, 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

Yoshimasa Oyama, MD, MD PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City: Denver Project Title: Angiotensin-like 4 as a cardioprotective target in light-elicited circadian PER2 amplitude enhancement Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368



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COLORADO

Colin Peters, BSC, PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City: Denver Project Title: Using dynamic clamp to determine ionic currents responsible for slowed cardiac pacemaking with age Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$103,328

COLORADO

Andrew Riching, 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

Rwik Sen, 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

Katharine Smith, PhD

Program Type: Career Development Award Institution: University of Colorado Denver City: Denver Project Title: Investigating excitatory and inhibitory synaptic communication during oxygen-glucose deprivation Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

COLORADO

Janet Snell-Bergeon, 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

Brian Stauffer, BS, MD

Program Type: Transformational Project Award Institution: University of Colorado Denver City: Denver Project Title: Bioenergetics and Myofibril Function in Pediatric Dilated Cardiomyopathy Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000



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COLORADO

Wei Tan, PhD

Program Type: Transformational Project Award Institution: University of Colorado, Boulder City: Boulder Project Title: Precision PAH model for treatment evaluation Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$299,974

COLORADO

Adam Tencer, 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

Mitchell Vedepo, BS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Colorado Denver City: Denver Project Title: Recruitment Recellularization of Chemokine Loaded Heart Valve Scaffolds Award Start Date: 1/1/2019 Award End Date: 4/30/2021 Total Years: 2 Total Award Amount: \$103,328

CONNECTICUT

Lauren Baldassarre, BA, MS, MD

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

Titus Boggon, PhD

Program Type: Innovative Project Award Institution: Yale University City: New Haven Project Title: Modulating RHO cascades for new cardiovascular therapeutics Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

CONNECTICUT

Kevin Boyé, BS, MSc, PhD

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



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CONNECTICUT

Alberto Canfran-Duque, PhD

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven
Project Title: Role of microRNAs in the phenotypic switching of endothelial cells and
vascular smooth muscle cells in atherosclerosis. Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CONNECTICUT

Ann Chen, 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

Hyung Chun, 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

Brian Coon, 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

James Daley, MD, BS, MPH, MS

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

Wen Ding, PhD, BS

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven
Project Title: Role of miR-33 in diabetic nephropathy and cardiovascular complications
Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award
Amount: \$103,328



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CONNECTICUT

Weilai Dong, BS

Program Type: Predoctoral Fellowship Institution: Yale University City: New Haven

Project Title: Inspect Genomic Architecture of Congenital Heart Disease by Integrating

SNVs and CNVs Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2

Total Award Amount: \$53,688

CONNECTICUT

Rachel Dreyer, BSC, PhD

Program Type: Transformational Project Award Institution: Yale University City: New

Haven Project Title: An Individualized Gender-transformative Tailored Intervention to

Reduce Readmission Rates in Young Women with AMI Award Start Date: 7/1/2019 Award

End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$298,711

CONNECTICUT

Guido Falcone, 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

Carlos Fernandez, PhD

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

Nafiisha Genet, PhD

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven

Project Title: Connexin 43 regulates neurogenesis in the adult brain subventricular zone.

Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award

Amount: \$110,456

CONNECTICUT

Moriah Gildart, 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



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CONNECTICUT

Daniel Greif, MD

Program Type: Established Investigator Award Institution: Yale University City: New Haven Project Title: Mechanisms of reverse vascular remodeling in pulmonary hypertension Award Start Date: 4/1/2019 Award End Date: 3/31/2024 Total Years: 5 Total Award Amount: \$399,960

CONNECTICUT

Inamul Kabir, BSC, MS, PhD

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

Lea Kiefer, 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

Mehmet Kural, PhD, MS, BS

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven Project Title: Nitric oxide- and Fas ligand- eluting stents Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CONNECTICUT

Sungwoon Lee, PhD

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven Project Title: The novel role of ALK1 in lipid uptake and atherosclerosis Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

CONNECTICUT

Xiruo Li, BS

Program Type: Predoctoral Fellowship Institution: Yale University City: New Haven Project Title: The Mechanisms for the Anti-Diabetic Effect of Adiponectin Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CONNECTICUT

Xiuqi Li, BS



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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

Jiesi Luo, PhD, BS

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven
Project Title: Xenogeneic-free readily available tissue engineered blood vessel from
human induced pluripotent stem cells Award Start Date: 1/1/2019 Award End Date:
12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CONNECTICUT

Wanqing Lyu, 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

Sherry Mansour, 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

Patrick Murphy, BA, PhD

Program Type: Innovative Project Award Institution: University of Connecticut,
Farmington City: Farmington Project Title: Functional Assessment of Post-
transcriptional Modulation of Endothelial Inflammation by RNA binding Proteins.
Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award
Amount: \$200,000

CONNECTICUT

Stefania Nicoli, PhD

Program Type: Transformational Project Award Institution: Yale University City: New
Haven Project Title: Vascular N-glycosylation controls endothelial to hematopoietic
transition Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total
Award Amount: \$300,000



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CONNECTICUT

Eon Joo Park, BS, MS, PhD

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

Anthony Pettinato, BS

Program Type: Predoctoral Fellowship Institution: University of Connecticut, Farmington
City: Farmington Project Title: Functional analysis of human cardiac troponin T
mutations Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total
Award Amount: \$53,688

CONNECTICUT

Fatima Zahra Saddouk, PhD, MS, BS

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

Lauren Sansing, MD, MS

Program Type: Established Investigator Award Institution: Yale University City: New
Haven Project Title: Cell-specific transcriptomics in patients with cerebrovascular
disease Award Start Date: 4/1/2019 Award End Date: 3/31/2024 Total Years: 5 Total
Award Amount: \$400,000

CONNECTICUT

William Sessa, 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

Lorenzo Sewanan, BS, MS

Program Type: Predoctoral Fellowship Institution: Yale University City: New Haven
Project Title: Dissecting Contractility, Power, and Work in Human Engineered Heart
Tissues with Hypertrophic Cardiomyopathy Mutations Award Start Date: 1/1/2019
Award End Date: 5/31/2021 Total Years: 2 Total Award Amount: \$53,688



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CONNECTICUT

Kevin Sheth, 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

Luyao Shi, 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: 11/30/2020 Total Years: 2 Total Award Amount: \$53,688

CONNECTICUT

Bertrand Simon, 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

Constantin Takacs, 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

Jakub Toczek, PhD

Program Type: Postdoctoral Fellowship Institution: Yale University City: New Haven Project Title: Molecular imaging of phagocytic activity in abdominal aortic aneurysm Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$114,368

CONNECTICUT

Melanie Tran, 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



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CONNECTICUT

Rajkumar Verma, BS, MS, PhD

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

Yinyu Wu, BS

Program Type: Predoctoral Fellowship Institution: Yale University City: New Haven Project Title: MicroRNA-223 regulation of hemogenic endothelial cell specification via N-glycosylation Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

CONNECTICUT

Qianying Yuan, 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

Lixia Yue, PhD

Program Type: Transformational Project Award Institution: University of Connecticut, Farmington City: Farmington Project Title: The oxidative stress activated TRPM2 is a master regulator of ischemic injury Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

CONNECTICUT

Amanda Zaleski, PhD, MS

Program Type: Postdoctoral Fellowship Institution: University of Connecticut, Storrs City: Storrs Project Title: Muscle-Specific MicroRNAs as a Novel Biomarker to Predict Statin-Associated Muscle Damage Award Start Date: 1/1/2019 Award End Date: 12/31/2019 Total Years: 1 Total Award Amount: \$51,484

CONNECTICUT

Beiyuan Zhou, PhD

Program Type: Transformational Project Award Institution: University of Connecticut, Farmington City: Farmington Project Title: Regulation of CVD risk in obesity: The role of ATB miR-150 in adipose tissue inflammation Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000



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CONNECTICUT

Huanjiao Zhou, MD, PhD

Program Type: Career Development Award Institution: Yale University City: New Haven
Project Title: Endothelial cell-pericyte interactions in pathogenesis of cerebral cavernous malformation Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

CONNECTICUT

Jiangbing Zhou, PhD

Program Type: Collaborative Sciences Award Institution: Yale University City: New Haven Project Title: Optically Modulation of Blood-Brain Barrier Tight Junctions by Molecular Hyperthermia Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$225,000

CONNECTICUT

Jiangbing Zhou, 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

DELAWARE

Austin Robinson, 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

Shannon Robson, PhD, MPH, RD

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

Fabrizio Sergi, 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



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DISTRICT OF COLUMBIA

Aline Maria Arlindo De Souza, PhD

Program Type: Postdoctoral Fellowship Institution: Georgetown University City:

Washington Project Title: The role of the renin angiotensin system in vascular and renal responses to severe food restriction Award Start Date: 1/1/2019 Award End Date:

12/31/2020 Total Years: 2 Total Award Amount: \$104,060

DISTRICT OF COLUMBIA

Andrea Beaton, 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

Igor Efimov, PhD

Program Type: Strategically Focused Research Network Institution: George Washington

University City: Washington Project Title: Test the mechanistic role of RyR2

hyperactivity for ventricular arrhythmia in the ex vivo human heart Award Start Date:

7/1/2019 Award End Date: 6/30/2023 Total Years: 4 Total Award Amount: \$977,126

DISTRICT OF COLUMBIA

Ian Gallicano, BS, MS, PhD

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

Sharon George, BS, PhD

Program Type: Postdoctoral Fellowship Institution: George Washington University City:

Washington Project Title: Differential roles of p38 MAPK isoforms in Doxorubicin-

induced cardiotoxicity Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total

Years: 2 Total Award Amount: \$106,532

DISTRICT OF COLUMBIA

Rafael Jaimes, BS, MS, PhD

Program Type: Postdoctoral Fellowship Institution: Children's Research Institute,

Washington, DC City: Washington Project Title: Stimulating Stunned Metabolism

following Cardiopulmonary Bypass Award Start Date: 1/1/2019 Award End Date:

12/31/2020 Total Years: 2 Total Award Amount: \$110,456



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DISTRICT OF COLUMBIA

Jin Kwon Jeong, PhD

Program Type: Career Development Award Institution: George Washington University
City: Washington Project Title: Crosstalk between brain insulin and angiotensin-II in
hypertension development Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total
Years: 3 Total Award Amount: \$231,000

DISTRICT OF COLUMBIA

Nabanita Kundu, 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

Andrew Libby, PhD, MS, BS

Program Type: Postdoctoral Fellowship Institution: Georgetown University City:
Washington Project Title: Investigating the Role of Estrogen-Related Receptor Alpha in
Mediating Progressive Diabetic Nephropathy Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$103,328

DISTRICT OF COLUMBIA

Samiksha Mahapatra, MSc, BSc

Program Type: Predoctoral Fellowship Institution: Georgetown University City:
Washington Project Title: Next Generation Stem Cell-Cardiomyocyte Interactions:
Focusing on the paracrine effector approach Award Start Date: 1/1/2019 Award End
Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

DISTRICT OF COLUMBIA

Komuraiah Myakala, PhD, MS, MSc, BSc

Program Type: Postdoctoral Fellowship Institution: Georgetown University City:
Washington Project Title: Effects of mitochondrial SIRT3 in treatment of diabetic
nephropathy Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2
Total Award Amount: \$110,456

DISTRICT OF COLUMBIA

Craig Sable, 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



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DISTRICT OF COLUMBIA

Kathryn Sandberg, PhD

Program Type: Innovative Project Award Institution: Georgetown University City: Washington Project Title: REVERSING CARDIO-METABOLIC DISEASE RISK ASSOCIATED WITH VERY LOW FOOD SECURITY Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$200,000

DISTRICT OF COLUMBIA

Kathryn Schunke, PhD

Program Type: Career Development Award Institution: George Washington University City: Washington Project Title: HIF-1 Activity can be Inhibited in the Heart by Protein Kinase C Binding Protein 1 Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: \$231,000

DISTRICT OF COLUMBIA

Crystal West, PhD

Program Type: Career Development Award Institution: Georgetown University City: Washington Project Title: Adaptations of the renin angiotensin system in pregnancy Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

DISTRICT OF COLUMBIA

Rose Yin, BS

Program Type: Predoctoral Fellowship Institution: George Washington University City: Washington Project Title: Selective optical defibrillation of the excitable gap to terminate ventricular arrhythmias in mice Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

DISTRICT OF COLUMBIA

Frederick Zasadny, 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

DISTRICT OF COLUMBIA

Lijie Grace Zhang, PhD

Program Type: Transformational Project Award Institution: George Washington University City: Washington Project Title: 4D Bioprinting Functional Cardiac Tissue Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000



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FLORIDA

Chris Bashur, BS, ME, PhD

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

Jerome Breslin, 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

Bojjibabu Chidipi, PhD

Program Type: Postdoctoral Fellowship Institution: University of South Florida, Tampa City: Tampa Project Title: A Novel Engineered Peptibody that Blocks the Acetylcholine Activated Inward Rectifier Potassium Current Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$106,532

FLORIDA

Gene Crislip, BS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Florida, Gainesville City: Gainesville Project Title: The Role of Sex Hormones in Distal Nephron-Specific BMAL1 Blood Pressure Regulation Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

FLORIDA

Lauren Douma, 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

Daniel Freeman, 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



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FLORIDA

Lakshmi Galam, 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

Mengyuan Ge, 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

Michelle Gumz, PhD

Program Type: Established Investigator Award Institution: University of Florida, Gainesville City: Gainesville Project Title: Kidney-specific and sex-dependent regulation of blood pressure by the circadian clock protein BMAL1 Award Start Date: 4/1/2019 Award End Date: 3/31/2024 Total Years: 5 Total Award Amount: \$400,000

FLORIDA

Brett Hoffman, 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

Hui Hu, 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

Xupei Huang, PhD, MD

Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Florida Atlantic University City: Boca Raton Project Title: Correction of diastolic dysfunction and diastolic heart failure in mice with RCM Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$154,000



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FLORIDA

Joshua Hutcheson, PhD, MSc, BS

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

Jamie Johnston, BS, AA

Program Type: Predoctoral Fellowship Institution: Florida State University City: Tallahassee Project Title: Elucidating the functional role of nuclear troponin in the mammalian heart. Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

FLORIDA

Pradip Kamat, PhD, MSc, BSC

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

Alain Kassab, 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

Mark Kindy, PhD

Program Type: Transformational Project Award Institution: University of South Florida, Tampa City: Tampa Project Title: Serum Amyloid A, Inflammasome Activation and Stroke Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

FLORIDA

Panagiotis Koutakis, PhD

Program Type: Scientist Development Grant Institution: Florida State University City: Tallahassee Project Title: The role of the calpain proteolytic system in regulating skeletal muscle degeneration in claudication Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: \$231,000



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FLORIDA

Shathiyah Kulandavelu, PhD

Program Type: Career Development Award Institution: University of Miami, Miami City: Coral Gables Project Title: Role of S-nitrosogluathione reductase (GSNOR) and nitric oxide in Preeclampsia and heart failure. Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

FLORIDA

Christiaan Leeuwenburgh, 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

Priyanka Maiti, BSE, MS, PhD

Program Type: Postdoctoral Fellowship Institution: University of Miami, Miami City: Coral Gables Project Title: Elucidating the role of GTPases OBGH1/2 in mammalian mitoribosome assembly Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

FLORIDA

Robert Mankowski, PhD, MS, BS

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

Jacob Mcpherson, PhD

Program Type: Innovative Project Award Institution: Florida International University, Miami City: Miami Project Title: Restorative neuroplasticity in brainstem motor pathways to enhance rehabilitation post-stroke Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: \$199,998

FLORIDA

Borna Mehrad, 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



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FLORIDA

Hooi Hooi Ng, BSC, BSC, PhD

Program Type: Postdoctoral Fellowship Institution: Florida International University, Miami City: Miami Project Title: Targeting relaxin receptor for the treatment of diabetes-induced cardiovascular calcification. Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060

FLORIDA

Eva Nyvltova, PhD

Program Type: Postdoctoral Fellowship Institution: University of Miami, Miami City: Coral Gables Project Title: Role of the cardiomyopathy protein PET191 in cytochrome c oxidase assembly Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$110,456

FLORIDA

Ashish Rehni, 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

Timo Rieg, MD, PhD

Program Type: Transformational Project Award Institution: University of South Florida, Tampa City: Tampa Project Title: Pharmacological Npt2a inhibition as an approach for treating impaired phosphate homeostasis Award Start Date: 7/1/2019 Award End Date: 6/30/2022 Total Years: 3 Total Award Amount: \$300,000

FLORIDA

Terence Ryan, BS, MS, PhD

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

Linto Thomas, PhD

Program Type: Postdoctoral Fellowship Institution: University of South Florida, Tampa City: Tampa Project Title: Role of intestinal NHE3 in phosphate homeostasis and blood pressure regulation Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$104,060



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FLORIDA

Lei Wang, 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

Ying Wang, PhD, MD

Program Type: Career Development Award Institution: Mayo Clinic, Jacksonville City: Jacksonville Project Title: Role of endothelial neuropilin-1 in heart failure with preserved ejection fraction Award Start Date: 4/1/2019 Award End Date: 3/31/2022 Total Years: 3 Total Award Amount: \$231,000

FLORIDA

Jonathan Weitz, BS, MS, MBA

Program Type: Postdoctoral Fellowship Institution: University of Miami, Miami City: Coral Gables Project Title: The Role of the Islet Resident Macrophage in Human Islet Function and Inflammation Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$103,328

FLORIDA

Jing Xu, MB, MS

Program Type: Predoctoral Fellowship Institution: University of Miami, Miami City: Coral Gables Project Title: Neuroprotective mechanisms behind PKC epsilon alters brain NAD levels and enhances ischemic tolerance Award Start Date: 1/1/2019 Award End Date: 12/31/2020 Total Years: 2 Total Award Amount: \$53,688

FLORIDA

Jianxiang Xue, 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

Keyvan Yousefi, 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



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FLORIDA

Zachary Zigmund, 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