



Awardees by State and Institution

All active awardees as of February 2021

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Award Program	Last Name	First Name	Degrees	Institution	City	ST	Project Title	Award Start	Award End	Award Amount	Years Duration
Scientist Development Grant	Xu	Xin	M.D., Ph.D.	University of Alabama at Birmingham	Birmingham	AL	A Novel Mechanism of Pulmonary Hypertension Induced by the Matrikine Acetylated Proline-Glycine-Proline (Ac-PGP)	7/1/2016	6/30/2020	\$ 308,000	4
Strategically Focused PROJECT Obesity Research Network	Chandler-laney	Paula	PhD	University of Alabama at Birmingham	Birmingham	AL	Intergenerational Transmission of Obesity in a Cohort of mother-child dyads	4/1/2017	3/31/2021	\$ 1,010,007	4
Strategically Focused CENTER Obesity Research Network	Garvey	William Timothy	M.D.	University of Alabama at Birmingham	Birmingham	AL	UAB Strategically Focused Obesity Center (SFOC): Intergenerational Transmission of Obesity	4/1/2017	3/31/2021	\$ 798,061	4
Strategically Focused PROJECT Obesity Research Network	Garvey	William Timothy	M.D.	University of Alabama at Birmingham	Birmingham	AL	Intergenerational Transmission of Obesity in Mouse Models of in Utero Stress	4/1/2017	3/31/2021	\$ 971,156	4
Strategically Focused PROJECT Obesity Research Network	Harper	Lorie		University of Alabama at Birmingham	Birmingham	AL	Intergenerational Transmission of Obesity: Antenatal Mother and Beyond Birth Offspring	4/1/2017	3/31/2021	\$ 929,976	4
Transformational Project Award	Orihuela	Carlos	Ph.D. B.Sc.	University of Alabama at Birmingham	Birmingham	AL	Resident cardiac macrophage dysfunction and pneumonia-associated adverse cardiac events	7/1/2018	6/30/2021	\$ 300,000	3
AHA AMFDP Scholar	Payne	Gregory	MD, PhD	University of Alabama at Birmingham	Birmingham	AL	The role of proline-glycine-proline in cardiac allograft vasculopathy and acute rejection	7/1/2018	6/30/2022	\$ 420,000	4
Institute - AI and ML	Rudraraju	Ramaraju	MS, PhD	University of Alabama at Birmingham	Birmingham	AL	MACHINE LEARNING FOR PREDICTING MECHANICAL CIRCULATORY SUPPORT OUTCOMES	7/1/2018	12/31/2020	\$ 198,854	3
Career Development Award	Qiao	Aijun	PhD	University of Alabama at Birmingham	Birmingham	AL	A novel mechanism of gluconeogenesis and ischemic heart disease	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Thomas	Stephen	PhD	University of Alabama at Birmingham	Birmingham	AL	Central and Peripheral Circadian Mechanisms Underlying Non-Dipping Blood Pressure in Blacks	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Jiao	Kai	MD	University of Alabama at Birmingham	Birmingham	AL	Examine the impact of congenital heart diseases on Alzheimer's disease.	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Jiao	Kai	MD	University of Alabama at Birmingham	Birmingham	AL	Epigenetic regulation of cardiac neural crest cell development	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Krishnamurthy	Prasanna	DVM, PhD	University of Alabama at Birmingham	Birmingham	AL	Targeting paracrine mediators to enhance cardiac regeneration and repair after injury	7/1/2019	6/30/2022	\$ 300,000	3



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Strategic Renewal Grant	Pollock	Jennifer	PhD	University of Alabama at Birmingham	Birmingham	AL	Mechanisms of salt-dependent shifts in blood pressure rhythms	7/1/2019	6/30/2021	\$ 400,000	2
Transformational Project Award	Qin	Gangjian	MD	University of Alabama at Birmingham	Birmingham	AL	Ischemic cardiac exosomes and bone marrow progenitor cells	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Yang	Junjie	MD PhD	University of Alabama at Birmingham	Birmingham	AL	Cardiac specific delivery of exosomes	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Galadanci	Najibah	MBBS, MPH	University of Alabama at Birmingham	Birmingham	AL	Evaluating the turning point of Cardiovascular Health in Sickle cell disease	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Mukherjee	Amrita	MPH	University of Alabama at Birmingham	Birmingham	AL	Cardiovascular Disease Risk In Head Neck Squamous Cell Carcinoma Patients Using Electronic Medical Records Data	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Osis	Gunars	BA	University of Alabama at Birmingham	Birmingham	AL	LDHA Contributes to Acute Kidney Injury by Facilitating Glycolytic Switch	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Shanmugam	Gobinath	PhD	University of Alabama at Birmingham	Birmingham	AL	Role of Nrf2 Signaling in Myocardial Defense on Aging	1/1/2020	12/31/2021	\$ 139,336	2
Predoctoral Fellowship	Wang	Lu		University of Alabama at Birmingham	Birmingham	AL	Role of layer-by-layer cardiac muscle patches with cardiac cells derived from human iPSC in cardiac recovery in rat	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Zhang	Xixi		University of Alabama at Birmingham	Birmingham	AL	Tissue Engineered Disease Vessel for Stent Evaluation	1/1/2020	12/31/2021	\$ 62,032	2
Institute UREG Millennial Women	Hidalgo	Bertha	BA, PhD	University of Alabama at Birmingham	Birmingham	AL	Preventing CVD and Stroke among Millennial Women: A Dissemination Science and Social Media Approach	8/1/2020	7/31/2022	\$ 312,495	2
Institutional Award for Undergraduate Student Training	Rich	Thomas		University of South Alabama	Mobile	AL	Undergraduate Summer Research Experience at University of South Alabama	4/1/2018	3/31/2021	\$ 48,000	3
Career Development Award	Lee	Ji Young	M.D., Ph.D	University of South Alabama	Mobile	AL	Carbonic anhydrase IX and pulmonary endothelial cell acidosis during infection	7/1/2018	6/30/2021	\$ 231,000	3
Scientist Development Grant	Parajuli	Nirmala	DVM, PhD	Arkansas Childrens Hospital	Little Rock	AR	Ubiquitin Proteasome System, Mitochondria, and Renal Cold Storage	1/1/2016	3/1/2020	\$ 231,000	4
AHA Institutional Research Enhancement Award	Balachandran	Kartik	Ph.D.	University of Arkansas	Fayetteville	AR	The role of a local renin-angiotensin system in the initiation and progression of calcific aortic valve disease	4/1/2018	3/31/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	JENSEN	Morten	PhD, DMSc	University of Arkansas	Fayetteville	AR	Optimizing Treatment of Coronary Bifurcation Lesions	4/1/2018	3/31/2020	\$ 154,000	2
Predoctoral Fellowship	Baldwin	Christofer	BS	University of Arkansas	Fayetteville	AR	Development of stirred suspension bioreactor suspension for expansion of elastogenic smooth muscle cells	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	Parajuli	Nirmala	DVM, PhD	University of Arkansas for Medical Sciences	Little Rock	AR	Targeting renal immunoproteasome during cold storage to improve transplant-associated cardiovascular health	7/1/2019	6/30/2022	\$ 300,000	3



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Transformational Project Award	Rhee	Sung		University of Arkansas for Medical Sciences	Little Rock	AR	Impaired cerebral collateral dilation in hypertension: implications for stroke damage and antihypertensive therapy	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Honeycutt	Claire	PhD	Arizona State University, Tempe	Tempe	AZ	Addressing stroke outcome inequities through the development of an accessible, low cost rehabilitation intervention	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Zhu	Wuqiang	Ph.D.	Mayo Clinic Arizona	Scottsdale	AZ	Cardiac Regeneration in Neonatal Porcine Heart	1/1/2021	12/31/2023	\$ 300,000	3
AHA Institutional Research Enhancement Award	Jadavji	Nafisa	MSc, PhD	Midwestern University - Glendale Campus	Glendale	AZ	Identification of developmental factors involved in ischemic stroke outcomes in adulthood and old age	1/1/2020	12/31/2021	\$ 152,735	2
AHA Institutional Research Enhancement Award	Arzani	Amirhossein	PhD	Northern Arizona University	Flagstaff	AZ	The confounding effects of hemodynamics on atherosclerosis progression	1/1/2019	12/31/2020	\$ 153,995	2
Career Development Award	Appavu	Brian	MD	Phoenix Children's Hospital	Phoenix	AZ	Multivariate Prediction of Stroke in Children Requiring Mechanical Circulatory Support	4/1/2019	3/31/2022	\$ 231,000	3
Scientist Development Grant	Lee	Won Hee	Ph.D	The University of Arizona College of Medicine-Phoenix	Phoenix	AZ	Identifying Biomarkers of Low-Dose Radiation Risk and Mechanisms of Individual Radiation Sensitivity	7/1/2016	10/31/2020	\$ 308,000	4
AHA Institutional Research Enhancement Award	Gonzales	Rayna	PhD	The University of Arizona College of Medicine-Phoenix	Phoenix	AZ	Contribution of selective vascular S1PR type 1 modulation during acute ischemic stroke	1/1/2019	12/31/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Hale	Taben	BSC, PhD	The University of Arizona College of Medicine-Phoenix	Phoenix	AZ	Identifying a resident fibroblast subpopulation to target for protection against cardiac fibrosis	1/1/2019	12/31/2020	\$ 154,000	2
Postdoctoral Fellowship	Liu	Chen-wei		The University of Arizona College of Medicine-Phoenix	Phoenix	AZ	Patient-Specific iPSCs-Derived Vascularized Organoids for Investigating Differential Susceptibility to E-cigarette	1/1/2020	12/31/2021	\$ 135,352	2
Career Development Award	Dai	Zhiyu	PhD	The University of Arizona College of Medicine-Phoenix	Phoenix	AZ	Role of Endothelial Fatty Acid Binding Proteins in the Pathogenesis of PAH	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Zhou	Chi	PhD	University of Arizona	Tucson	AZ	Preeclampsia dysregulates fetal endothelial responses to growth factors and cytokines	10/1/2019	9/30/2022	\$ 231,000	3
Career Development Award	Lochhead	Jeffrey	BS, PhD	University of Arizona, Tucson	Tucson	AZ	Intranasal Insulin as a Neuroprotectant during Hypoxia/Reoxygenation Stress	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Combs	Daniel	M.D.	University of Arizona, Tucson	Tucson	AZ	Examining the role of obstructive sleep apnea in cognitive and quality of life impairment in children with CHD	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Methawasin	Mei	MD, PhD	University of Arizona, Tucson	Tucson	AZ	Integrative studies of diastolic function of cardiomyocytes in health and disease.	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Vanderpool	Rebecca	BS, PhD	University of Arizona, Tucson	Tucson	AZ	Role of HIF-2a and Right Ventricular Fibrosis in the Development of Right Heart Failure and Pulmonary Hypertension	4/1/2019	3/31/2022	\$ 231,000	3



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Transformational Project Award	Ronaldson	Patrick	BS, PhD	University of Arizona, Tucson	Tucson	AZ	Statins Require Endogenous Blood-Brain Barrier Transporters to Confer Neuroprotective Effects in Stroke.	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Stolze	Lindsey		University of Arizona, Tucson	Tucson	AZ	Using endothelial cell molecular Quantitative Trait Loci to dissect coronary artery disease risk	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Koss	Kyle	BSE, PhD	University of Arizona, Tucson	Tucson	AZ	In-situ reduction in intravascular thrombosis using a multivalent vascular injury targeting antithrombotic conjugate	6/1/2020	5/31/2022	\$ 135,352	2
Transformational Project Award	Gao	Wei	Ph.D.	California Institute of Technology	Pasadena	CA	A Wearable Molecular Sensing Platform for Non-Invasive Heart Failure Monitoring	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Kumar	Sanjeev	M.D., Ph.D	Cedars-Sinai Medical Center	Los Angeles	CA	Role of Sox9-regulated Epithelial Plasticity in Renal Repair after Acute Kidney Injury	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Khan	Zakir	PhD	Cedars-Sinai Medical Center	Los Angeles	CA	Angiotensin converting enzyme and neutrophil immune response to heart infection	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Sin	Jon	BS, PhD	Cedars-Sinai Medical Center	Los Angeles	CA	Targeting viral-mitochondrial interactions to suppress coxsackievirus B- induced myocarditis	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Xie	Ting	M.D., Ph.D.	Cedars-Sinai Medical Center	Los Angeles	CA	Epithelial growth hormone receptor regulation of pulmonary fibrosis	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Arditi	Moshe	MD	Cedars-Sinai Medical Center	Los Angeles	CA	Role of Rlp2 in T cells and Atherogenesis	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Gonzalez	Nestor		Cedars-Sinai Medical Center	Los Angeles	CA	Angiogenesis and Exosomal microRNA in Intracranial Atherosclerosis	7/1/2019	6/30/2022	\$ 300,000	3
Covid-19 Rapid Response	Svendsen	Clive	PhD	Cedars-Sinai Medical Center	Los Angeles	CA	Human iPSCs and Organ Chips Model SARS-CoV-2-Induced Viral Myocarditis	6/1/2020	5/31/2021	\$ 100,000	1
Career Development Award	Porritt	Rebecca	Ph.D	Cedars-Sinai Medical Center	Los Angeles	CA	Mechanisms of Sex-disparity in Kawasaki Disease Vasculitis	7/1/2020	6/30/2023	\$ 231,000	3
AHA Institutional Research Enhancement Award	Boehm	Julia	PhD	Chapman University	Orange	CA	Psychosocial Resources in Childhood that Protect against Cardiovascular Risk in Adulthood: The 1958 Birth Cohort Study	7/1/2018	6/30/2020	\$ 126,120	2
Innovative Project Award	Nauli	Surya		Chapman University	Orange	CA	Aneurysm and Nanoparticles	7/1/2019	6/30/2021	\$ 200,000	2
Career Development Award	Touma	Marlin	MD PhD	David Geffen School of Medicine at UCLA	Los Angeles	CA	Novel Molecular Network In Perinatal Cardiac Chamber Development and Congenital Heart Defects	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Nau	Claudia	MA, PhD	Kaiser Foundation Hospitals	Oakland	CA	Electronic Health Records for assessing real-time changes in local CVD risk-factor prevalence	7/1/2019	6/30/2021	\$ 200,000	2
Covid-19 Rapid Response	An	Jaejin	PhD	Kaiser Foundation Research Institute, a Division of Kaiser Foundation Hospitals	Oakland	CA	Risk of Severe Morbidity and Mortality of Coronavirus Disease 2019 Among Patients Taking Antihypertensive Medication	6/1/2020	5/31/2021	\$ 75,000	1
Career Development Award	Zhu	Peipei	Ph.D.,	La Jolla Institute for Allergy and Immunology	San Diego	CA	Activation of the NLRP3 inflammasome in NeP triggers aberrant neutrophil development in atherosclerosis	7/1/2020	6/30/2023	\$ 231,000	3



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Predoctoral Fellowship	Flores	Jerry	BS	Loma Linda University	Loma Linda	CA	The Role of AnnexinA1-FPR2 Signaling in Phagocytosis and Hydrocephalus after Germinal Matrix Hemorrhage	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Wang	Zhongjie		Northern California Institute for Research and Education	San Francisco	CA	A novel computing framework for automatically assessing the risk of acute aortic dissection directly from medical images	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Zhang	Yue	MS, PhD	Northern California Institute for Research and Education	San Francisco	CA	Cardiac MRI based computational modeling for prediction of ischemic mitral regurgitation response to revascularization	1/1/2020	12/31/2021	\$ 139,336	2
AHA Institutional Research Enhancement Award	Udit	Andrew		Occidental College	Los Angeles	CA	Neutralizing heparin activity using engineered virus nanoparticles	7/1/2019	6/30/2021	\$ 154,000	2
Career Development Award	Chen	Ian	MD PhD	Palo Alto Veterans Institute for Research	Palo Alto	CA	Human iPSC-based Modeling of Endothelial Progenitor Cell Maladaptation in Calcific Aortic Valve Disease	7/1/2018	10/31/2022	\$ 231,000	4
Covid-19 Rapid Response	Heidenreich	Paul	MD	Palo Alto Veterans Institute for Research	Palo Alto	CA	Outcomes for Patients with Hypertension, Diabetes and Heart Disease in the Coronavirus Pandemic	6/1/2020	5/31/2021	\$ 75,000	1
Innovative Project Award	Tsao	Philip	Ph.D.	Palo Alto Veterans Institute for Research	Palo Alto	CA	Plasma therapy for abdominal aortic aneurysm	7/1/2020	6/30/2022	\$ 200,000	2
Innovative Project Award	Huang	Ngan	BS	Palo Alto Veterans Institute for Research	Palo Alto	CA	Substrate Stiffness Modulates Endothelial-to-Mesenchymal Transition	1/1/2021	12/31/2022	\$ 200,000	2
Innovative Project Award	Huang	Ngan	BS	Palo Alto Veterans Institute for Research	Palo Alto	CA	iPSC-Derived Smooth Muscle Progenitors in Elastin Hydrogels for Treating Abdominal Aortic Aneurysm	1/1/2021	12/31/2022	\$ 200,000	2
Predoctoral Fellowship	Firouzi	Fareheh	BS, MSc	San Diego State University Research Foundation	San Diego	CA	Enhanced Myocardial Repair with Human CardioChimeras	1/1/2020	12/31/2021	\$ 62,032	2
AHA Institutional Research Enhancement Award	Ramasubramanian	Anand	Ph.D.	San Jose State University Research Foundation	San Jose	CA	Role of Spatial Heterogeneity on Clot Micromechanics	4/1/2018	3/31/2020	\$ 154,000	2
Postdoctoral Fellowship	Lal	Neeraj	BS, PhD	Scripps Research Institute	La Jolla	CA	Neural regulatory mechanisms in obesity and metabolic syndromes	1/1/2020	12/31/2021	\$ 128,080	2
Predoctoral Fellowship	Romine	Isabelle	BS	Scripps Research Institute	La Jolla	CA	Utilizing Endoplasmic Reticulum pathways to ameliorate transthyretin induced cardiomyopathy	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Rosen	Dorian		Scripps Research Institute	La Jolla	CA	Defining unfolded protein response dependent neuronal protection during ischemic stroke	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Sun	Xun	PhD	Scripps Research Institute	La Jolla	CA	Probing the Aggregation Pathway of Human Transthyretin	1/1/2020	12/31/2021	\$ 135,352	2
Career Development Award	Pandey	Amitabh C	MD	Scripps Research Institute	La Jolla	CA	Single Cell Genomic Approaches to Study Cardiovascular Risk: Role of the 9p21 Risk Locus	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Eissa	N. Tony	MD	Southern California Institute for Research and Education	Long Beach	CA	Regulation of Inflammasome Activation by p38 MAPK	7/1/2018	6/30/2021	\$ 300,000	3



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Established Investigator Award	Wu	Sean	PhD	Stanford University	Redwood City	CA	Transcriptional Mechanism of Cardiac Lineage Development at Single Cell Resolution	1/1/2017	12/31/2021	\$ 400,000	5
Collaborative Sciences Award	Bernstein	Daniel	MD,BS	Stanford University	Redwood City	CA	Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy	7/1/2017	6/30/2020	\$ 150,000	3
Collaborative Sciences Award	Blau	Helen	PhD,MA	Stanford University	Redwood City	CA	Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy	7/1/2017	6/30/2020	\$ 450,000	3
Collaborative Sciences Award	Pruitt	Beth	PhD,BS	Stanford University	Redwood City	CA	Alterations in Mechanosensing and Telomere Homeostasis Impact Progression of Dilated Cardiomyopathy	7/1/2017	6/30/2020	\$ 150,000	3
Merit Award	Wu	Joseph	M.D., Ph.D.	Stanford University	Redwood City	CA	Precision Medicine and Clinical Trial in a Dish for Cardiovascular Diseases	7/1/2017	6/30/2022	\$ 1,000,000	5
Career Development Award	Seo	Kinya	PhD	Stanford University	Redwood City	CA	Hypocretin Receptor 2 - a Novel Mechanism Underlying Heart Failure	7/1/2018	6/30/2021	\$ 231,000	3
PROJECT Strategically Focused PCORI-AHA DECIDE Research Network	Stafford	Randall	MHSc, MS, MD, PhD	Stanford University	Redwood City	CA	Stafford Project	7/1/2018	6/30/2022	\$ 2,232,887	4
AHA Allen Brain Health Initiative	Wyss-Coray	Tony	PhD	Stanford University	Redwood City	CA	Immunomodulation to promote cerebrovascular and cognitive health	1/1/2019	12/31/2026	\$ 9,600,000	8
Career Development Award	Cheng	Xingxing	MD, MS	Stanford University	Redwood City	CA	Performance-based risk stratification for coronary artery disease on the kidney transplant waitlist	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Kawana	Masataka		Stanford University	Redwood City	CA	Dissecting the molecular effects of mutations on the myosin regulatory light chain associated with HCM	4/1/2019	3/31/2022	\$ 230,997	3
Career Development Award	Lam	Chi Keung	PhD	Stanford University	Redwood City	CA	Dissecting the Pathogenesis of Presenilin-2 Mutation in Dilated Cardiomyopathy	4/1/2019	9/30/2022	\$ 231,000	3
AHA AMFDP Scholar	Alexander	Kevin	M.D.	Stanford University	Redwood City	CA	Novel molecular insights into V122I transthyretin cardiac amyloidosis: A critical yet underdiagnosed cause of Heart Fail	7/1/2019	6/30/2023	\$ 420,000	4
Collaborative Sciences Award	Appel	Eric		Stanford University	Redwood City	CA	Patient- and Disease-Specific Exosomes for Precision Therapeutics of Heart Failure	7/1/2019	6/30/2022	\$ 100,000	3
Innovative Project Award	Chang	Tara	MD, MS	Stanford University	Redwood City	CA	CREATING A PLATFORM FOR POINT-OF-CARE PRAGMATIC CLINICAL TRIALS: COMPARING DIURETIC STRATEGIES IN HEART FAILURE	7/1/2019	1/31/2022	\$ 200,000	3
Collaborative Sciences Award	Fire	Andrew		Stanford University	Redwood City	CA	Patient- and Disease-Specific Exosomes for Precision Therapeutics of Heart Failure	7/1/2019	6/30/2022	\$ 140,000	3
Innovative Project Award	Karakikes	Ioannis	PhD	Stanford University	Redwood City	CA	Genetic Engineering to Protect Against Cardiovascular Disease	7/1/2019	6/30/2021	\$ 200,000	2



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Strategic Renewal Grant	Liao	Ronglih	PhD	Stanford University	Palo Alto	CA	Molecular imaging and cellular toxicity measures for early diagnosis of AL amyloid cardiomyopathy	7/1/2019	6/30/2021	\$ 164,947	2
Transformational Project Award	Marsden	Alison	Ph.D.	Stanford University	Redwood City	CA	Hemodynamic determinants of premature pulmonary valve dysfunction in children with Tetralogy of Fallot	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Rhee	June-wha	BS, MD	Stanford University	Redwood City	CA	Patient-specific modeling of metabolic dysfunction in statin-induced myopathy using iPSC-derived myocytes	7/1/2019	6/30/2022	\$ 231,000	3
Collaborative Sciences Award	Yang	Phillip	MD	Stanford University	Redwood City	CA	Patient- and Disease-Specific Exosomes for Precision Therapeutics of Heart Failure	7/1/2019	6/30/2022	\$ 510,000	3
Postdoctoral Fellowship	Ferguson	James	Ph.D	Stanford University	Redwood City	CA	Microtubule-dependent, In Vivo Regulation of Cell Migration	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Ikeda	Gentaro	MD, PhD	Stanford University	Redwood City	CA	Mitochondria-containing extracellular vesicles restore myocardial bioenergetics	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Isobe	Sarasa	MD, PhD	Stanford University	Redwood City	CA	Abnormal BMPR2-PPARg Axis Leads to Unrepaired DNA Damage that Alters Gene Expression in Pulmonary Arterial Hypertension	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	OBrien	Evan	BS, PhD	Stanford University	Redwood City	CA	Dissecting complex allosteric signaling by the glucagon receptor	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Phansalkar	Ragini	BS	Stanford University	Redwood City	CA	Implications of distinct developmental origin on coronary vascular function	1/1/2020	12/31/2021	\$ 62,032	2
AHA AMFDP Scholar	Rodriguez	Fatima	MD, MPH	Stanford University	Redwood City	CA	Cardiovascular Disease Prevention for Minority Populations	1/1/2020	3/31/2024	\$ 420,000	4
Transformational Project Award	Nguyen	Patricia		Stanford University	Redwood City	CA	Immune-mediated mechanisms influencing the risk of heart attack during and after flu infection	1/1/2021	12/31/2023	\$ 300,000	3
Career Development Award	Paik	David	PhD	Stanford University	Redwood City	CA	Single-cell sequencing to elucidate endothelial cell-to-cardiomyocyte interaction during cardiac development	7/1/2021	6/30/2024	\$ 231,000	3
Institutional Award for Undergraduate Student Training	Wu	Joseph	M.D., Ph.D.	Stanford University School of Medicine	Stanford	CA	American Heart Association - Stanford Cardiovascular Institute Undergraduate Fellowship Program	4/1/2018	3/31/2021	\$ 60,000	3
CENTER Strategically Focused PCORI-AHA DECIDE Research Network	Wang	Paul	MD	Stanford University School of Medicine	Stanford	CA	Decision-Making Pathway for Atrial Fibrillation Stroke Prevention	7/1/2018	6/30/2022	\$ 2,767,113	4
Established Investigator Award	Leeper	Nicholas	MD, PhD	Stanford University School of Medicine	Stanford	CA	Intersecting immunology, cancer biology and vascular disease to pursue the atherosclerotic stem cell	4/1/2019	3/31/2024	\$ 400,000	5
Innovative Project Award	Ennis	Daniel	BS, PhD	Stanford University School of Medicine	Stanford	CA	The Cardiac Connectome for Understanding the Electromechanics of Heart Failure	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Knowles	Josh	MD, PhD	Stanford University School of Medicine	Stanford	CA	Discovery and characterization of novel genes associated with risk for non-alcoholic fatty liver disease	7/1/2019	6/30/2022	\$ 300,000	3



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Career Development Award	Liu	Chun	PhD	Stanford University School of Medicine	Stanford	CA	Targeting Endothelial Cells Modulation for Cardiolaminopathy Treatment	7/1/2019	6/30/2022	\$ 229,994	3
AHA/Amazon Web Services 3.0 Data Grant Portfolio - AI and ML Training Grant	Perino	Alexander	MD	Stanford University School of Medicine	Stanford	CA	Machine and Deep Learning to Identify Heart Failure Trajectory Phenotypes in Atrial Fibrillation	7/1/2019	6/30/2021	\$ 100,000	2
Postdoctoral Fellowship	Arthur Ataam	Jennifer	MSc, PhD	Stanford University School of Medicine	Stanford	CA	Modulating genome architecture to understand the pathogenesis of Dilated Cardiomyopathy	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Kim	Hyeon Yu	PhD	Stanford University School of Medicine	Stanford	CA	Elucidating Doxorubicin-induced Cardiotoxicity using CRISPR and 3D Cardiac Tissues	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Moulin	Kevin	PhD	Stanford University School of Medicine	Stanford	CA	JOINT DIFFUSION AND DISPLACEMENT ENCODED MRI FOR MEASURING εMYOFIBERε STRAIN IN DIABETIC CARDIOMYOPATHY	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Najeeb	Javaria	PhD	Stanford University School of Medicine	Stanford	CA	Structural and Biochemical Studies of Human cytomegalovirus glycoproteins for vaccine discovery and development	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Tian	Lei	PhD	Stanford University School of Medicine	Stanford	CA	Elucidating Pleiotropic Effects of Statins Using Human Engineered Heart Tissues	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Tu	Chengyi	PhD	Stanford University School of Medicine	Stanford	CA	Elucidating the Role of Tachycardia in Familial Dilated Cardiomyopathy Using Patient-Specific Engineered Heart Tissues	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Vander Roest	Alison	BS, PhD	Stanford University School of Medicine	Stanford	CA	Investigating myosin mechanobiology in human induced pluripotent stem cell-derived cardiomyocytes	1/1/2020	12/31/2021	\$ 135,352	2
CENTER Health Technologies and Innovation Network	Turakhia	Mintu	MD	Stanford University School of Medicine	Stanford	CA	Heart Health Tech Center (H2T): Innovation to Implementation	4/1/2020	3/31/2024	\$ 1,312,848	4
PROJECT Health Technologies and Innovation Network	Wang	Paul	MD	Stanford University School of Medicine	Stanford	CA	Technology-Enabled Management of Hypertension in Underrepresented Communities and in the Gig Economy	4/1/2020	3/31/2024	\$ 1,187,152	4
Covid-19 Rapid Response	Wang	Paul	MD	Stanford University School of Medicine	Stanford	CA	Digital COVID-19 Patient Tracking and Reporting Tool Kit	6/1/2020	5/31/2021	\$ 199,999	1
Postdoctoral Fellowship	Shoura	Massa		Stanford University School of Medicine	Stanford	CA	Defining Genomic Architecture and Molecular Mechanisms Contributing to Titin Diversity in Cardiomyocytes	7/1/2020	6/30/2022	\$ 143,680	2
Postdoctoral Fellowship CHF	Amgalan	Dulguun	Ph.D.	Stanford University School of Medicine	Stanford	CA	Regulatory maps of endothelial cell differentiation to connect congenital heart disease risk variants to target genes	1/1/2021	12/31/2022	\$ 138,756	2
Career Development Award	Cheng	Paul	MD PhD	Stanford University School of Medicine	Stanford	CA	Regulation of Arterial Stiffness and Atherosclerotic Disease by Transcription Factor Zeb2	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Lindsey	Stephanie	BS, PhD	Stanford University School of Medicine	Stanford	CA	Growth and Remodeling of the Pharyngeal Arch Arteries	1/1/2021	12/31/2023	\$ 231,000	3



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Transformational Project Award	Khademhosseini	Ali	Ph.D	Terasaki Institute for Biomedical Innovation	Los Angeles	CA	Oxygen Releasing Microparticles to Improve Heart Preservation for Transplantation	7/1/2018	6/30/2021	\$ 300,000	3
Postdoctoral Fellowship	Chang	Andrew Hsiu-Hao	Ph.D.	The J. David Gladstone Institutes	San Francisco	CA	The role of Dach1-induced arteriogenesis on structural and functional neurovascular recovery after cerebral stroke	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Kang	Serah	BS, PhD	The J. David Gladstone Institutes	San Francisco	CA	Controlling Mitochondria to Engineer Maturation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship CHF	Gonzalez Teran	Barbara	MSc, PhD	The J. David Gladstone Institutes	San Francisco	CA	Dysregulation of GLYR1 and GATA4 interaction by a CHD-associated variant and its impact on heart development	1/1/2021	12/31/2022	\$ 151,080	2
Covid-19 Rapid Response	Hsiai	Tzung	MD	The Regents of the University of California, Los Angeles	Los Angeles	CA	Rapid COVID-19-on-A-Chip to Screen Competitive Targets for SARS-CoV-2 Spike Binding Sites	6/1/2020	5/31/2021	\$ 99,999	1
Covid-19 Rapid Response	Albert	Michelle		The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	COVID-19 Infection, African-American Women and Cardiovascular Disease	6/1/2020	5/31/2021	\$ 100,000	1
Project Bugher Foundation Hemorrhagic Stroke	Fox	Christine	MD	The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	Epidemiology Of Pediatric Hemorrhagic Stroke And Arteriovenous Malformations In A Multicenter, International Cohort	1/1/2021	12/31/2024	\$ 458,389	4
Center Bugher Foundation Hemorrhagic Stroke	Fullerton	Heather	M.D.	The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	Improving Outcomes of Children with Hemorrhagic Stroke and Brain Arteriovenous Malformations	1/1/2021	12/31/2024	\$ 679,800	4
Project Bugher Foundation Hemorrhagic Stroke	KIM	HELEN	PHD, MPH, AB	The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	PROJECT 1: PREDICTORS OF GROWTH, RECURRENCE, AND HIGH-RISK FEATURES IN PEDIATRIC BRAIN ARTERIOVENOUS MALFORMATION	1/1/2021	12/31/2024	\$ 911,748	4
Predoctoral Fellowship CHF	Krup	Alexis Leigh	B.A.	The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	Dissecting specification of cardiac precursor cells at single cell resolution	1/1/2021	12/31/2022	\$ 63,040	2
Project Bugher Foundation Hemorrhagic Stroke	Roland	Jarod	M.D.	The Regents of the University of California, San Francisco (Contracts & Grants)	San Francisco	CA	Predicting Outcomes in Pediatric Hemorrhagic Stroke with Personalized Connectomics	1/1/2021	12/31/2024	\$ 450,063	4
Career Development Award	Chaix	Amandine	PhD	The Salk Institute for Biological Studies	La Jolla	CA	Benefits and mechanisms of time-restricted feeding as an intervention against atherosclerosis and cardiovascular disease	7/1/2018	7/31/2021	\$ 231,000	3
AHA Allen Brain Health Initiative	Gage	Fred H.	Ph.D.	The Salk Institute for Biological Studies	La Jolla	CA	Understanding the cell biological drivers of aging as risk factors for cognitive impairment	1/1/2019	12/31/2026	\$19,200,000	8



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Predoctoral Fellowship	Xu	Ziyan	BS	The Salk Institute for Biological Studies	La Jolla	CA	Roles of Lipid Metabolism in Shaping Macrophage Functions in Tumor Microenvironment	1/1/2020	12/31/2021	\$ 62,032	2
Established Investigator Award	Shadden	Shawn	PhD	University of California, Berkeley	Berkeley	CA	Broadening computer modeling in cardiovascular care	1/1/2018	12/31/2022	\$ 400,000	5
Transformational Project Award	Vandsburger	Moriel	PhD	University of California, Berkeley	Berkeley	CA	Molecular MRI methods for integrative physiological imaging in gene therapy	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Zhu	Chi	PhD	University of California, Berkeley	Berkeley	CA	Assessment of Left Ventricular Diastolic Function using Computational Modeling	2/1/2020	1/31/2022	\$ 128,836	2
Predoctoral Fellowship	Khoury	Mark	BS	University of California, Berkeley	Berkeley	CA	Mechanisms of basolateral polarity determination by the Scribble module	4/1/2020	3/31/2022	\$ 62,032	2
Career Development Award	Sirish	Padmini	PhD	University of California, Davis	Davis	CA	Development Of Novel Upstream Target For Atrial Fibrillation	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Vorobyov	Igor		University of California, Davis	Davis	CA	Elucidation of molecular mechanisms of sex-based arrhythmias	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Schaefer	Saul	MD	University of California, Davis	Davis	CA	TSPO modulation prevents heart failure by increasing fatty acid oxidation	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Silva	Eduardo	Ph.D.	University of California, Davis	Davis	CA	Engineering new vascular networks with therapeutic lymphangiogenesis strategies	7/1/2019	6/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Ni	Haibo	PhD	University of California, Davis	Davis	CA	Sex differences in atrial electrophysiology and antiarrhythmic drug responses: a combined modeling and experiments study	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Zhang	Xianwei		University of California, Davis	Davis	CA	Linking axial-transverse tubular structure to human atrial arrhythmia: a modeling study	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Shams	Shahin	BS	University of California, Davis	Davis	CA	Localized activation of a robust proangiogenic cascade to prevent PAD associated tissue death	7/1/2020	6/30/2022	\$ 62,032	2
Transformational Project Award	Dedkova	Elena	DVM, PhD	University of California, Davis	Davis	CA	Fumarate drugs rescue cardiac dysfunction in mouse models of Friedreich's ataxia	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Molloi	Sabee	Ph.D.	University of California, Irvine	Irvine	CA	Quantification of coronary heart disease based on FFR and CFR from direct blood flow measurement using low-dose CT	7/1/2019	6/30/2022	\$ 299,128	3
AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML	Kheradvar	Arash	MD	University of California, Irvine	Irvine	CA	Cloud-based AI platform for automatic segmentation and analysis of pediatric Cardiac MRI datasets	12/1/2019	11/30/2021	\$ 200,000	2
Predoctoral Fellowship	Atcha	Hamza	BSC	University of California, Irvine	Irvine	CA	Investigating the role of stiffness-mediated Piezo1 activity in foam cell formation	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Qi	Qianrong		University of California, Irvine	Irvine	CA	Hydrogen sulfide and human endometrial angiogenesis	1/1/2020	12/31/2021	\$ 150,316	2
Postdoctoral Fellowship	Li	Yan		University of California, Irvine	Irvine	CA	Comprehensive Atherosclerotic Plaque Evaluation using Integrated Intravascular Ultrasound and Polarization-Sensitive OCT	7/1/2020	6/30/2022	\$ 128,080	2



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Scientist Development Grant	Ziaean	Boback	MD, PhD	University of California, Los Angeles	Los Angeles	CA	National Surveillance of Stroke Clinical Characteristics, Quality of Care, and Outcomes using the GWTG-Stroke Registry	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Bahr Hosseini	Mersedeh	M.D.	University of California, Los Angeles	Los Angeles	CA	Developing transcranial direct current stimulation as a novel neuroprotective method in acute ischemic stroke	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Chien	Aichi	PhD, FAHA	University of California, Los Angeles	Los Angeles	CA	Software to assess cerebral angioarchitecture and identify characteristics associated with stroke and recovery	7/1/2018	6/30/2020	\$ 200,000	2
Transformational Project Award	Nguyen	Kim-Lien	M.D.	University of California, Los Angeles	Los Angeles	CA	Ferumoxytol-Enhanced MRI for Myocardial Tissue Characterization	7/1/2018	6/30/2021	\$ 299,974	3
Career Development Award	Parikh	Rushi	MD	University of California, Los Angeles	Los Angeles	CA	Impact of Endothelin-1 on the Development of Cardiac Allograft Vasculopathy in Heart Transplant Recipients	7/1/2018	11/30/2021	\$ 231,000	3
Career Development Award	Gao	Chen	PhD	University of California, Los Angeles	Los Angeles	CA	Novel Cardiac Protective mRNA Surveillance Mechanism Mediated by RBFox1	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Ko	Arthur	BS, PhD	University of California, Los Angeles	Los Angeles	CA	Utilizing a novel portable imaging device to accelerate human genomic and diagnostic studies of cardiometabolic diseases	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Mack	Julia	PhD	University of California, Los Angeles	Los Angeles	CA	Flow Dependent Endothelial Cell Polarization	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Rosa-garrido	Manuel	Ph.D	University of California, Los Angeles	Los Angeles	CA	Integrative Analysis of Genetic Variation and Chromatin Structure in Heart Failure	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Sallam	Tamer	MD PhD	University of California, Los Angeles	Los Angeles	CA	Towards lncRNA-based interventions in cardiovascular disease	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Dacey	Michael	MD	University of California, Los Angeles	Los Angeles	CA	The Intrinsic Cardiac Nervous System and Implications For Primary Graft Dysfunction in Cardiac Transplant	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Yang	Yuan	PhD	University of California, Los Angeles	Los Angeles	CA	Structural basis of Hexim1-mediated P-TEFb regulation in 7SK snRNP	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Zhang	Daoqin	PhD	University of California, Los Angeles	Los Angeles	CA	Switch osteogenesis in atherosclerosis	3/1/2020	2/28/2022	\$ 128,836	2
Postdoctoral Fellowship	Wiese	Carrie	BS, PhD	University of California, Los Angeles	Los Angeles	CA	A novel genetic mechanism underlying sex differences in adipose tissue expansion	4/1/2020	3/31/2022	\$ 128,080	2
Predoctoral Fellowship	Kimball	Todd	BA, MS	University of California, Los Angeles	Los Angeles	CA	Building a bridge between nucleoskeletal architecture and chromatin structure in cardiac hypertrophy	5/1/2020	4/30/2022	\$ 62,032	2
Postdoctoral Fellowship	Velez-ramirez	Daniel	BS, PhD	University of California, Los Angeles	Los Angeles	CA	Role of cAMP signaling in host cell invasion and persistent infection by the Chagas disease parasite Trypanosoma cruzi	5/1/2020	4/30/2022	\$ 135,352	2



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Career Development Award	Ruffenach	Gregoire	Ph.D.	University of California, Los Angeles	Los Angeles	CA	Role of a novel RNA-binding protein in promoting pulmonary hypertension induced by oxidized lipids	8/1/2020	7/31/2023	\$ 231,000	3
Transformational Project Award	Schwingshackl	Andreas	MD, PhD	University of California, Los Angeles	Los Angeles	CA	Role of TREK-1 potassium channels in acute lung injury.	1/1/2021	12/31/2023	\$ 300,000	3
Innovative Project Award	Morgan	Joshua	Ph.D.	University of California, Riverside	Riverside	CA	Integration of tardigrade survival proteins to increase resilience of vascularized graft tissue in ischemic environments	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Zhou	Changcheng	PhD	University of California, Riverside	Riverside	CA	A novel role for IKKbeta in epicardial adipose tissue formation	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Kim	Paul	BS, MD	University of California, San Diego	San Diego	CA	Evaluation of Myocardial Perfusion and Immune Cell Response in Allograft Dysfunction of Heart-Transplant Patients	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Thomas	Isac	MD, MPH	University of California, San Diego	San Diego	CA	Epidemiology of Calcified Atherosclerosis in the Segmented Thoracic Aorta	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Yeh	Yi-ting	PhD	University of California, San Diego	San Diego	CA	Biomechanics of Leukocyte Extravasation in Atherosclerosis Microenvironments: Role of Heterogeneous Matrix Stiffness	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	FRIEND	James	PhD, DPhil	University of California, San Diego	San Diego	CA	Fully steerable microcatheters for quantifiably effective treatment of strokes	7/1/2019	6/30/2021	\$ 199,812	2
Transformational Project Award	Miyamoto	Shigeki	Ph.D., D.V.M.	University of California, San Diego	San Diego	CA	RhoA prevents cardiac aging through regulation of mitophagy and NLRP3 inflammasome.	7/1/2019	6/30/2022	\$ 300,000	3
AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML	McCulloch	Andrew	BS	University of California, San Diego	San Diego	CA	Cardiac Atlases for Machine Learning in Congenital Heart Disease	12/1/2019	11/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Babicheva	Aleksandra	PhD	University of California, San Diego	San Diego	CA	Pathogenic role of miR-29b in pulmonary hypertension	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Gonzalo Grande	Alejandro	PhD	University of California, San Diego	San Diego	CA	Personalized thrombosis risk in atrial fibrillation by computational fluid dynamics and 4D CT imaging of atrial kinetics	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Hoeksema	Marten	PhD	University of California, San Diego	San Diego	CA	Targeting macrophage Egr1 and Egr2 to restore the inflammatory balance in atherosclerosis	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Kirkland	Natalie	BSC, PhD	University of California, San Diego	San Diego	CA	Understanding the role for nuclear aging in cardiac dysfunction	1/1/2020	12/31/2021	\$ 128,080	2
Predoctoral Fellowship	Manohar	Ashish	BS, MS	University of California, San Diego	San Diego	CA	Improvement of the spatio-temporal resolution of regional endocardial strain estimates derived from 4DCT	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Nelson	Aileena		University of California, San Diego	San Diego	CA	Mechanisms of variable penetrance and expressivity of DCM-linked cooperative genetic variants	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Torres Paris	Constanza	MSc	University of California, San Diego	San Diego	CA	Role of Dynamic Allosterity in the Regulation of the Protease Activity of the Urokinase-Type Plasminogen Activator (uPA)	1/1/2020	12/31/2021	\$ 62,032	2



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Postdoctoral Fellowship	Wang	Jie	PhD, MBBS	University of California, San Diego	San Diego	CA	Uncovering functions of SNAP29 in desmosomal biology and disease	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Masutani	Evan	BS	University of California, San Diego	San Diego	CA	A Bench and Bedside Investigation on the Genetic and Hemodynamic Contributors to Arteriopathy	7/1/2020	6/30/2022	\$ 62,032	2
Established Investigator Award	Peralta	Carmen	MD	University of California, San Francisco	San Francisco	CA	Early detection of chronic kidney disease to reduce events	1/1/2017	12/31/2021	\$ 400,000	5
Scientist Development Grant	Bensing	Barbara	MS, PhD	University of California, San Francisco	San Francisco	CA	Differential recognition of sialoglycans by viridans group streptococci, and the role in infective endocarditis	7/1/2017	6/30/2020	\$ 231,000	3
Merit Award	Albert	Michelle		University of California, San Francisco	San Francisco	CA	Obesity and Jobs in Socioeconomically Disadvantaged Communities	4/1/2018	3/31/2023	\$ 1,000,000	5
Career Development Award	Singhal	Neel	M.D., Ph.D.	University of California, San Francisco	San Francisco	CA	Elucidating the role of respirasome plasticity in neuronal metabolism and resilience to ischemic injury	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Vable .	Anusha	MPH, ScD	University of California, San Francisco	San Francisco	CA	Reducing socioeconomic and racial disparities in CVD: evaluation of potential effects of educational interventions	4/1/2019	6/30/2022	\$ 231,000	3
Career Development Award	Kumar	Rahul	PhD	University of California, San Francisco	San Francisco	CA	Hif2-alpha stabilization in Interstitial Macrophages Causes Thrombospondin-1 Mediated Hypoxic Pulmonary Hypertension	5/1/2019	4/30/2022	\$ 231,000	3
Career Development Award	Bertholet	Ambre	Ph.D	University of California, San Francisco	San Francisco	CA	Controlling mitochondrial H+ leak to combat metabolic syndrome and heart diseases	7/1/2019	6/30/2022	\$ 231,000	3
Career Development Award	Nagata	Jason		University of California, San Francisco	San Francisco	CA	Adolescent and Young Adult Physical Activity Trajectories and Future Cardiovascular Disease Risk	7/1/2019	6/30/2022	\$ 231,000	3
Transformational Project Award	Wang	Rong	Ph.D.	University of California, San Francisco	San Francisco	CA	Identifying Molecular Regulators of Hereditary Hemorrhagic Telangiectasia In a Novel Mouse Model	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Dwork	Nicholas	BS, PhD	University of California, San Francisco	San Francisco	CA	Comprehensive Assessment of Cardiac Anatomy and Function with Magnetic Resonance Imaging	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Ghuman	Harmanvir	BS, PhD	University of California, San Francisco	San Francisco	CA	A Biohybrid Neural Interface to Improve Motor Recovery after Stroke	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Kalia	Raghav	Ph.D.	University of California, San Francisco	San Francisco	CA	TRP Channel Signaling Complexes in Cardiovascular Physiology	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Melo	Arthur	Ph.D	University of California, San Francisco	San Francisco	CA	Structural insights into DRP1 mitochondria recruitment and constriction through specialized receptors	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Mikrogeorgiou	Alkisti	PhD	University of California, San Francisco	San Francisco	CA	Brain cold-inducible protein response after therapeutic hypothermia	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Qiu	Huiliang	MD PhD	University of California, San Francisco	San Francisco	CA	Potential Mechanisms of Atrial Fibrillation Resulting from Use of Tobacco and Marijuana Products	1/1/2020	12/31/2021	\$ 128,080	2



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Postdoctoral Fellowship	Santander Grez	Nicolas	PhD	University of California, San Francisco	San Francisco	CA	Heme-regulated cholesterol metabolism in developmental brain angiogenesis	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Yang	Haojun	BS, PhD	University of California, San Francisco	San Francisco	CA	The role of eIF4E in remodeling the translation landscape of gene expression underlying obesity	6/1/2020	5/31/2022	\$ 128,836	2
Career Development Award	AMORIM DE CERQUEIRA	Edilberto	MD	University of California, San Francisco	San Francisco	CA	Precision Seizure Management Post-Cardiac Arrest	7/1/2020	6/30/2023	\$ 231,000	3
Postdoctoral Fellowship	Meyer	Kirstin	PhD	University of California, San Francisco	San Francisco	CA	Optogenetic dissection of YAP transcriptional regulation during cardiomyocyte differentiation and proliferation	7/1/2020	6/30/2022	\$ 135,352	2
Transformational Project Award	Huang	Guo	PhD	University of California, San Francisco	San Francisco	CA	Identification of a novel transcriptional factor repressing cardiomyocyte renewal in postnatal growth and injury repair	1/1/2021	12/31/2023	\$ 300,000	3
Bugher V: Training Centers of Excellence in Hemorrhagic Stroke	Ko	Nerissa	MD, MA	University of California, San Francisco	San Francisco	CA	ASA/Bugher Foundation Hemorrhagic Stroke Scholars Program: A Centralized Research Training and Leadership Center:	1/1/2021	12/31/2024	\$ 400,000	4
Innovative Project Award	Oskowitz	Adam	MD	University of California, San Francisco	San Francisco	CA	Chimeric Antigen Receptor (CAR) T-regulatory Cell Therapy for Abdominal Aortic Aneurysms	1/1/2021	12/31/2022	\$ 200,000	2
AHA AMFDP Scholar	AMORIM DE CERQUEIRA	Edilberto	MD	University of California, San Francisco	San Francisco	CA	Cytotoxic Brain Edema Physiology in Hypoxic-Ischemic Brain Injury	7/1/2021	6/30/2025	\$ 419,994	4
Postdoctoral Fellowship	Thakur	Dhananjay	BSC, PhD	University of California, Santa Barbara	santa barbara	CA	A Sensitive, Non-Invasive System for Manipulation of Neuronal Activity	1/1/2019	3/31/2021	\$ 110,456	2
Transformational Project Award	Ulmer	Tobias		University of Southern California	Los Angeles	CA	Safeguards of unwarranted integrin activation and pathological thrombosis	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Garg	Parveen	MD, MPH	University of Southern California	Los Angeles	CA	Novel Identification of Myocardial Scar Tissue using Arterial Spin Labeling	7/1/2019	6/30/2022	\$ 299,989	3
Innovative Project Award	Trinh	Le		University of Southern California	Los Angeles	CA	Decoding noncoding GWAS in Congenital Heart Disease	7/1/2019	6/30/2021	\$ 200,000	2
Career Development Award	Pahlevan	Niema		University of Southern California	Los Angeles	CA	A System Fluid Dynamics Approach for Development of Noninvasive Diagnostics of Acute and Chronic Cardiovascular Diseases	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Bark	David	PhD	Colorado State University	Fort Collins	CO	Biomechanical Thromboinflammatory Microvascular Obstruction in Reperfusion Injury	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Gentile	Chris	PhD	Colorado State University	Fort Collins	CO	Exploring A Novel Role of the Gut Microbiota In Obesity-Related Vascular Dysfunction	7/1/2018	6/30/2021	\$ 299,996	3
Innovative Project Award	Lark	Daniel		Colorado State University	Fort Collins	CO	A Novel Strategy to Study Cell-Specific Exosomes Secreted In Vivo	7/1/2018	8/31/2020	\$ 200,000	2
Career Development Award	Mueller	Megan	MPH, PhD	Colorado State University	Fort Collins	CO	Restaurant corporate social responsibility and associations with business practices relevant to cardiovascular health	6/1/2019	5/31/2022	\$ 231,000	3



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Career Development Award	Hess	Paul	MD, MHSc	Denver Research Institute	Denver	CO	How Do High-Value Hospitals Succeed in Heart Failure Transitional Care? A Multi-Methods Proposal	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Knoepke	Christopher	PhD, MSW	University of Colorado Denver	Aurora	CO	Supporting Patients' Fateful Decisions About Cardiovascular Therapies: Improved Models of Personal Values Clarification	7/1/2018	6/30/2021	\$ 229,769	3
Career Development Award	Ormond	David Ryan	M.D., Ph.D.	University of Colorado Denver	Aurora	CO	The role of mitochondrial transfer and mesenchymal stem cell transplantation in neuronal preservation after cardiac arre	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Chen	Suet Nee	PhD	University of Colorado Denver	Aurora	CO	The role of TP53 and Hippo Pathways in the pathogenesis of LMNA cardiomyopathy	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Smith	Katharine	PhD	University of Colorado Denver	Aurora	CO	Investigating excitatory and inhibitory synaptic communication during oxygen-glucose deprivation	4/1/2019	3/31/2022	\$ 231,000	3
Postdoctoral Fellowship	Vedepo	Mitchell	PhD	University of Colorado Denver	Aurora	CO	Recruitment Recellularization of Chemokine Loaded Heart Valve Scaffolds	5/1/2019	4/30/2021	\$ 103,328	2
Transformational Project Award	Stauffer	Brian	MD	University of Colorado Denver	Aurora	CO	Bioenergetics and Myofibril Function in Pediatric Dilated Cardiomyopathy	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship CHF	Ferrari	Margaret	BS, MS	University of Colorado Denver	Aurora	CO	A tissue engineered contractile Fontan circuit for single ventricle patients	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Rubino	Marcello	PhD	University of Colorado Denver	Aurora	CO	Attenuation of cardiac fibrosis via CBP/P300 bromodomain inhibition	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Schilcher	Katrin	PhD	University of Colorado Denver	Aurora	CO	A novel Staphylococcus aureus regulator governing toxin production and iron acquisition	1/1/2020	12/31/2021	\$ 135,352	2
Career Development Award	Dingman	Andra	BA, MD	University of Colorado Denver	Aurora	CO	Targeting White Matter Repair to Improve Functional Outcome After Neonatal Stroke	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Frank	Benjamin	MD	University of Colorado Denver	Aurora	CO	Longitudinal Pulmonary Vascular Development in Children with Single Ventricle Heart Disease	7/1/2020	6/30/2023	\$ 231,000	3
Predoctoral Fellowship	Jolly	Austin	BA	University of Colorado Denver	Aurora	CO	Epigenetic control of pathological vascular remodeling: Role of SMC-derived AdvSca1-SM cell induction of HDAC9-Brg1	7/1/2020	6/30/2022	\$ 62,032	2
Predoctoral Fellowship	Wellman	Kimberly	BS	University of Colorado Denver	Aurora	CO	ZFP36L2 regulates angiotensin II-responsive mRNA decay to suppress human aldosterone biosynthesis	7/1/2020	6/30/2022	\$ 62,032	2
Innovative Project Award	Bjornstad	Petter	MD	University of Colorado Denver	Aurora	CO	The Effects of Bariatric Surgery on the Cardio-Renal Axis in Youth-onset Type 2 Diabetes	1/1/2021	12/31/2022	\$ 200,000	2
Innovative Project Award	Lorca	Ramon	PhD	University of Colorado Denver	Aurora	CO	Optogenetic control of vascular function during pregnancy	1/1/2021	12/31/2022	\$ 200,000	2
Covid-19 Rapid Response	Bristow	Michael	MD PhD	University of Colorado Denver, AMC and DC	Aurora	CO	Myocardial Virus and Gene Expression in SARS CoV-2 Positive Patients with Clinically Important Myocardial Dysfunction	6/1/2020	5/31/2021	\$ 100,000	1
Career Development Award	Dylla	Layne	BS, MD PhD	University of Colorado School of Medicine - Anschutz Medical Campus	Aurora	CO	The Role of Hyperoxia in the Emergency Department Treatment of Acute Ischemic Stroke	4/1/2019	3/31/2022	\$ 230,998	3



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Transformational Project Award	Leinwand	Leslie		University of Colorado-Boulder	Boulder	CO	Mutant Myosin Misfolding as a Novel Mechanism of Hypertrophic Cardiomyopathy	7/1/2018	6/30/2021	\$ 299,999	3
Transformational Project Award	Tan	Wei	PhD	University of Colorado-Boulder	Boulder	CO	Precision PAH model for treatment evaluation	7/1/2019	6/30/2022	\$ 299,974	3
Predoctoral Fellowship	Batan	Dilara	BA	University of Colorado-Boulder	Boulder	CO	Role of the mechano-sensor TRPV4 in valvular myofibroblast activation and fibrosis	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Crocini	Claudia		University of Colorado-Boulder	Boulder	CO	Dissecting the mechanisms of post-prandial cardiac adaptation in pythons	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Mahadevan	Jyothi	MSc, PhD	University of Colorado-Boulder	Boulder	CO	Investigating the role of PARP inhibitors in the treatment of DNA damage-induced cardiovascular pathologies	6/1/2020	5/31/2022	\$ 135,352	2
Career Development Award	Verma	Rajkumar	MS, PhD	University of Connecticut, Farmington	Farmington	CT	Therapeutic potential of purinergic P2X4 receptors in stroke	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Murphy	Patrick	BA, PhD	University of Connecticut, Farmington	Farmington	CT	Functional Assessment of Post-transcriptional Modulation of Endothelial Inflammation by RNA binding Proteins.	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Yue	Lixia	Ph.D.	University of Connecticut, Farmington	Farmington	CT	The oxidative stress activated TRPM2 is a master regulator of ischemic injury	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Hensel	Jessica		University of Connecticut, Farmington	Farmington	CT	Alternative Splicing in Endothelial Regulation of NFkB Signaling	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Ladha	Feria	BS, MS	University of Connecticut, Farmington	Farmington	CT	Understanding the role of RNA-binding proteins identified at the cardiac sarcomere utilizing BioID proximity labeling	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Nicholas	Sarah-anne	BA, MS	University of Connecticut, Farmington	Farmington	CT	Elavl1-mediated alternative splicing in the endothelial regulation of T cells in atherosclerosis	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Tokarski	Kristin	BS	University of Connecticut, Farmington	Farmington	CT	mAKAP-beta regulation of cardiac myocyte apoptosis and remodeling	1/1/2020	12/31/2021	\$ 62,032	2
Merit Award	Sessa	William	Ph.D.	Yale University	New Haven	CT	Identifying new pathways targeting atherogenesis	7/1/2016	6/30/2021	\$ 1,000,000	5
Career Development Award	Baldassarre	Lauren	MD	Yale University	New Haven	CT	Advanced Cardiovascular Magnetic Resonance for Detection of Programmed Cell Death Protein-1 Deficient Myocarditis	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Chun	Hyung	M.D.	Yale University	New Haven	CT	Translating the Apelinergic Pathway for Cardiometabolic Health	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Daley	James		Yale University	New Haven	CT	The use of REBOA as an adjunct to ACLS in non-traumatic cardiac arrest	7/1/2018	6/30/2020	\$ 199,998	2
Institute - Democratizing Data	Falcone	Guido	MD, ScD, MPH	Yale University	New Haven	CT	An informatic pipeline to democratize access to genetic data from minority patients with intracerebral hemorrhage	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Mansour	Sherry		Yale University	New Haven	CT	The role of adaptive and maladaptive repair biomarkers in predicting cardiac and renal outcomes after an episode of AKI	7/1/2018	6/30/2021	\$ 231,000	3



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Transformational Project Award	Zhou	Jiangbing	Ph.D.	Yale University	New Haven	CT	Targeted delivery of glyburide via antioxidant nanoparticles for stroke treatment	7/1/2018	6/30/2021	\$ 300,000	3
Established Investigator Award	Greif	Daniel	M.D.	Yale University	New Haven	CT	Mechanisms of reverse vascular remodeling in pulmonary hypertension	4/1/2019	3/31/2024	\$ 399,960	5
Established Investigator Award	Sansing	Lauren	MS, MD	Yale University	New Haven	CT	Cell-specific transcriptomics in patients with cerebrovascular disease	4/1/2019	3/31/2024	\$ 400,000	5
Career Development Award	Zhou	Huanjiao	MD PhD	Yale University	New Haven	CT	Endothelial cell-pericyte interactions in pathogenesis of cerebral cavernous malformation	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Sewanan	Lorenzo		Yale University	New Haven	CT	Dissecting Contractility, Power, and Work in Human Engineered Heart Tissues with Hypertrophic Cardiomyopathy Mutations	6/1/2019	5/31/2021	\$ 53,688	2
Innovative Project Award	Boggon	Titus		Yale University	New Haven	CT	Modulating RHO cascades for new cardiovascular therapeutics	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Cai	Yujun	PhD	Yale University	New Haven	CT	Function and regulation of cyclic nucleotide phosphodiesterase 10A in arterial restenosis	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Dreyer	Rachel	BSC, PhD	Yale University	New Haven	CT	An Individualized Gender-transformative Tailored Intervention to Reduce Readmission Rates in Young Women with AMI	7/1/2019	6/30/2022	\$ 298,711	3
Transformational Project Award	Nicoli	Stefania	Ph.D.	Yale University	New Haven	CT	Vascular N-glycosylation controls endothelial to hematopoietic transition	7/1/2019	6/30/2022	\$ 300,000	3
Collaborative Sciences Award	Zhou	Jiangbing		Yale University	New Haven	CT	Optically Modulation of Blood-Brain Barrier Tight Junctions by Molecular Hyperthermia	7/1/2019	6/30/2022	\$ 225,000	3
Postdoctoral Fellowship	Chung	Minhwan		Yale University	New Haven	CT	A DNA origami nano-device for structural analysis of proteins under tension.	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Ishchenko	Yevheniia	MS, PhD	Yale University	New Haven	CT	Regulation of GluN2B-containing NMDA receptors by actin	1/1/2020	12/31/2021	\$ 131,356	2
Institutional Award for Undergraduate Student Training	Miller	Edward	MD	Yale University	New Haven	CT	Yale Cardiovascular Medicine AHA Undergraduate Research Fellowship	1/1/2020	12/31/2023	\$ 60,000	4
Postdoctoral Fellowship	Yuan	Yifan	Ph.D.	Yale University	New Haven	CT	Building an in vitro pulmonary microvascular platform	1/1/2020	12/31/2021	\$ 131,356	2
End Nicotine Addiction in Children and Teens	Krishnan-Sarin	Suchitra		Yale University	New Haven	CT	Understanding and Treating E-cigarette Use Among Youth	7/1/2020	6/30/2022	\$ 3,950,000	2
Strategic Renewal Grant	Sheth	Kevin		Yale University	New Haven	CT	Portable Magnetic Resonance Imaging for Acute Stroke	7/1/2020	6/30/2022	\$ 169,857	2
Project Bugher Foundation Hemorrhagic Stroke	Falcone	Guido	MD, ScD, MPH	Yale University	New Haven	CT	Polygenic Susceptibility to Hypertension in ICH: from Population Studies to Precision Medicine at the Bedside	1/1/2021	12/31/2024	\$ 506,490	4
Transformational Project Award	Fernandez-Hernando	Carlos	Ph.D	Yale University	New Haven	CT	Regulation of macrophage immunometabolic response by sterols during atherosclerosis	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Roy	Brita		Yale University	New Haven	CT	The Collective Well-being to Cardiovascular Mortality (CW2CM) Study	1/1/2021	12/31/2023	\$ 294,019	3



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Center Bugher Foundation Hemorrhagic Stroke	Sansing	Lauren	MS, MD	Yale University	New Haven	CT	Yale AHA/Bugher Center of Research Excellence in Hemorrhagic Stroke Prevention & Treatment	1/1/2021	12/31/2024	\$ 677,016	4
Project Bugher Foundation Hemorrhagic Stroke	Sansing	Lauren	MS, MD	Yale University	New Haven	CT	Sympathetic activation, hypertension, and inflammation in experimental intracerebral hemorrhage	1/1/2021	12/31/2024	\$ 602,756	4
Project Bugher Foundation Hemorrhagic Stroke	Sheth	Kevin		Yale University	New Haven	CT	Novel Strategies Toward Improved Blood Pressure Management in Survivors of Intracerebral Hemorrhage	1/1/2021	12/31/2024	\$ 710,939	4
Transformational Project Award	Suarez	Yajaira	Ph.D.	Yale University	New Haven	CT	Defining the novel mechanisms of action of endothelial ANGPTL4 in atherosclerosis	1/1/2021	12/31/2023	\$ 300,000	3
PROJECT Strategically Focused Children's Research Network	Beaton	Andrea	M.D.	Children's National Medical Center (WDC)	Washington	DC	Working Towards a Better Understanding of Acute Rheumatic Fever	7/1/2017	6/30/2021	\$ 1,764,703	4
Postdoctoral Fellowship CHF	Klein	Jennifer	M.D.	Children's National Medical Center and Children's Research Institute	Washington	DC	Mapping the Geographic Distribution of Congenital Heart Disease and Associated Neurologic Outcomes	4/1/2021	3/31/2023	\$ 155,508	2
CENTER Strategically Focused Children's Research Network	SABLE	Craig		Children's Research Institute (CNMC)	Washington	DC	Strengthening the Health System Response to Rheumatic Heart Disease: Developing Evidence-Based Strategies For Prevention	7/1/2017	6/30/2021	\$ 580,800	4
Career Development Award	Gulati	Ashima	MD	Children's Research Institute (CNMC)	Washington	DC	Genetic determinants of intracranial aneurysm in autosomal dominant polycystic kidney disease	10/1/2020	9/30/2023	\$ 231,000	3
Innovative Project Award	Olivieri	Laura		Children's Research Institute (CNMC)	Washington	DC	Patient-specific convergent cavopulmonary connection (CCPC): A novel, efficient Fontan that allows for VAD insertion	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Schunke	Kathryn	BS, PhD	George Washington University	Washington	DC	HIF-1 Activity can be Inhibited in the Heart by Protein Kinase C Binding Protein 1	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Jeong	Jin Kwon	PhD	George Washington University	Washington	DC	Crosstalk between brain insulin and angiotensin-II in hypertension development	4/1/2019	3/31/2022	\$ 231,000	3
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Efimov	Igor	PhD	George Washington University	Washington	DC	Test the mechanistic role of RyR2 hyperactivity for ventricular arrhythmia in the ex vivo human heart	7/1/2019	6/30/2023	\$ 977,126	4
Transformational Project Award	Zhang	Lijie	Ph.D.	George Washington University	Washington	DC	4D Bioprinting Functional Cardiac Tissue	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Schenck	Jessica	BS	George Washington University	Washington	DC	Nef-induced myelin impairment in HIV-associated neurocognitive disorder.	1/1/2020	12/31/2021	\$ 62,032	2
Innovative Project Award	Gallicano	G.	BS	Georgetown University	Washington	DC	Molecular correction of mis-expressed genes that lead to Heart Failure	7/1/2018	6/30/2020	\$ 200,000	2



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Career Development Award	West	Crystal	PhD	Georgetown University	Washington	DC	Adaptations of the renin angiotensin system in pregnancy	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Sandberg	Kathryn	PhD	Georgetown University	Washington	DC	REVERSING CARDIO-METABOLIC DISEASE RISK ASSOCIATED WITH VERY LOW FOOD SECURITY	7/1/2019	6/30/2021	\$ 200,000	2
Scientist Development Grant	Robson	Shannon		University of Delaware	Newark	DE	Implementing a Dietary Energy Density Intervention in Preschool Children	7/1/2017	6/30/2020	\$ 231,000	3
Scientist Development Grant	Sergi	Fabrizio	PhD	University of Delaware	Newark	DE	Toward dynamic robot-aided neurorehabilitation: the predictive value of neuroimaging-based biomarkers of motor recovery	7/1/2017	6/30/2020	\$ 231,000	3
Postdoctoral Fellowship	Patik	Jordan	PhD	University of Delaware	Newark	DE	The Role of Oxidative Stress and Endothelial Dysfunction in High Sodium-Induced Changes in Pulsatile Hemodynamics	1/1/2020	12/31/2021	\$ 128,836	2
AHA Institutional Research Enhancement Award	Huang	Xupei	Ph.D.	Florida Atlantic University	Boca Raton	FL	Correction of diastolic dysfunction and diastolic heart failure in mice with RCM	7/1/2019	6/30/2021	\$ 154,000	2
AHA Institutional Research Enhancement Award	Bashur	Chris	PhD	Florida Institute of Technology	Melbourne	FL	Long-term Success of Electrospun Small-Diameter Vascular Grafts with Blended Compositions	4/1/2018	3/31/2020	\$ 154,000	2
Career Development Award	Chelko	Stephen	PhD	Florida State University	Tallahassee	FL	CAPN1/AIF Activation: a Mitochondrial-mediated Myocyte Death Pathway in Arrhythmogenic Cardiomyopathy	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Rahmani	Hamidreza	BS, MS	Florida State University	Tallahassee	FL	Atomic structure of striated muscle thick filaments	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Wang	Ying	MD PhD	Mayo Clinic Jacksonville	Jacksonville	FL	Role of endothelial neuropilin-1 in heart failure with preserved ejection fraction	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Fairweather	DeLisa	BA, PhD	Mayo Clinic Jacksonville	Jacksonville	FL	Novel premenopausal platelet-derived EV therapy for myocarditis/DCM	1/1/2021	12/31/2023	\$ 300,000	3
Collaborative Sciences Award	Freeman	Daniel	PhD	The Charles Stark Draper Laboratory, Inc.	Tampa	FL	Miniature Wireless Neuromodulation for the Treatment of Hypertension	7/1/2018	6/30/2021	\$ 62,160	3
Transformational Project Award	Kassab	Alain	BSE, PhD	University of Central Florida	Orlando	FL	Multiscale Hemodynamics Investigation of a Surgical Manoeuver to Reduce Stroke Risk in Left Ventricular Assist Devices	7/1/2018	6/30/2021	\$ 300,000	3
Scientist Development Grant	Hu	Hui	Ph.D.	University of Florida	Gainesville	FL	The Total Environment and Hypertensive Disorders of Pregnancy: A Precision Public Health Approach	7/1/2017	6/30/2020	\$ 230,788	3
PROJECT Strategically Focused Vascular Disease Research Network	Leeuwenburgh	Christiaan		University of Florida	Gainesville	FL	Calf Muscle Mitochondrial Dysfunction and Impaired Autophagy in Peripheral Artery Disease	4/1/2018	3/31/2022	\$ 423,953	4
Transformational Project Award	Cheng	Zhiyong	PhD	University of Florida	Gainesville	FL	Examining FoxO1 as a novel target for browning of white adipose tissue	7/1/2018	6/30/2021	\$ 299,749	3
Career Development Award	Mankowski	Robert	PhD, MSc	University of Florida	Gainesville	FL	Cardiac Dysfunction in Older Sepsis Survivors	7/1/2018	6/30/2021	\$ 224,023	3



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Transformational Project Award	Mehrad	Borna	MD	University of Florida	Gainesville	FL	Circulating fibrocytes as biomarkers of cardiac sarcoidosis	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Ryan	Terence	PhD	University of Florida	Gainesville	FL	Role of PFKFB3 in peripheral artery disease	7/1/2018	6/30/2021	\$ 231,000	3
Established Investigator Award	Gumz	Michelle	Ph.D	University of Florida	Gainesville	FL	Kidney-specific and sex-dependent regulation of blood pressure by the circadian clock protein BMAL1	7/1/2019	6/30/2024	\$ 400,000	5
Predoctoral Fellowship	Chekka	Lakshmi	PharmD	University of Florida	Gainesville	FL	Personalizing thiazide therapy through clinical and microRNA biomarkers of response to thiazides	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Kumar	Ravi	BS	University of Florida	Gainesville	FL	Oxidative Stress and Respiratory Muscle Weakness in Heart Failure with Reduced Ejection Fraction	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Oliveira	Aline	MSc, PhD	University of Florida	Gainesville	FL	Involvement of microglial activation in pathophysiology of pulmonary hypertension	1/1/2020	12/31/2021	\$ 135,352	2
Predoctoral Fellowship	Subedi	Pooja	MPH	University of Florida	Gainesville	FL	Telomere length, DNA methylation, and CVD risk: transethnic meta-EWAS in four large prospective cohorts	1/1/2020	12/31/2021	\$ 62,032	2
Innovative Project Award	Maciel	Carolina	MD, MSc	University of Florida	Gainesville	FL	Early intervention augmenting GABA-ergic pathways: The VIGAB-STAT - VIGABatrin in post-anoxic STATUS epilepticus	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Kulandavelu	Shathiyah	PhD	University of Miami	Coral Gables	FL	Role of S-nitrosogluathione reductase (GSNOR) and nitric oxide in Preeclampsia and heart failure.	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Dhaka	Pravat	MSc	University of Miami	Coral Gables	FL	Molecular mechanisms of Gq signaling	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Jackson	Charlie	BS	University of Miami	Coral Gables	FL	SIRT1-Dependent protection against DNA oxidation and PARP1 overactivation in the 14-Day Window of RPC	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Nissanka	Nadee	BS, ME	University of Miami	Coral Gables	FL	DEVELOPING MOUSE MODELS AND THERAPEUTICS FOR mtDNA DELETIONS	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Torices	Silvia	PhD	University of Miami	Coral Gables	FL	Novel mechanisms of enhanced stroke susceptibility in HIV-infected brain	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Escobar	Iris	BS	University of Miami	Coral Gables	FL	Elucidating the effects of resveratrol preconditioning on synaptic plasticity and function after cerebral ischemia	6/1/2020	5/31/2022	\$ 62,032	2
Transformational Project Award	Dave	Kunjan	PhD	University of Miami	Coral Gables	FL	Mitochondrial dysfunction and increased cerebral ischemic damage in recurrent hypoglycemia-exposed diabetic rats.	1/1/2021	12/31/2023	\$ 300,000	3
Institutional Award for Undergraduate Student Training	Breslin	Jerome	PhD	University of South Florida, Tampa	Tampa	FL	University of South Florida Heart Institute Summer Undergraduate Research Program	4/1/2018	9/30/2021	\$ 60,000	3
Career Development Award	Wang	Lei		University of South Florida, Tampa	Tampa	FL	Macula densa NOS1 beta and acute kidney injury	7/1/2018	6/30/2021	\$ 231,000	3



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Career Development Award	Mao	Wenbin	PhD	University of South Florida, Tampa	Tampa	FL	The impact of MitraClip treatment on intraventricular flow and ventricular remodeling in heart failure patients with SMR	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Kindy	Mark	Ph.D.	University of South Florida, Tampa	Tampa	FL	Serum Amyloid A, Inflammasome Activation and Stroke	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Rieg	Timo	MD, PhD	University of South Florida, Tampa	Tampa	FL	Pharmacological Npt2a inhibition as an approach for treating impaired phosphate homeostasis	7/1/2019	6/30/2022	\$ 300,000	3
Established Investigator Award	Sullivan	Jennifer	PhD	Augusta University	Augusta	GA	Role of T cells in salt-sensitive females	1/1/2017	12/31/2021	\$ 400,000	5
Established Investigator Award	Zhou	Jiliang	MD, PhD	Augusta University	Augusta	GA	Novel role of the lncRNA NEAT1 in smooth muscle phenotypic modulation	1/1/2017	12/31/2021	\$ 400,000	5
Career Development Award	Kovacs	Laszlo	Ph.D.	Augusta University	Augusta	GA	HDAC6 regulates calpain activation in airway and pulmonary vascular remodeling in COPD	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Zhang	Wei	PhD	Augusta University	Augusta	GA	A novel gene pair of IL-8 and its opposingly transcribed neighbor gene lncRNA KILN in vascular disease	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Zhou	Hongyi	PhD	Augusta University	Augusta	GA	Neddylation in Adipose Tissue Development and Obesity	7/1/2018	6/30/2021	\$ 231,000	3
Postdoctoral Fellowship	Liu	Zhiping	PhD	Augusta University	Augusta	GA	The role of macrophage PFKFB3 in retinal angiogenesis	1/1/2019	2/28/2021	\$ 114,368	2
Career Development Award	Abais-battad	Justine	BS, PhD	Augusta University	Augusta	GA	Interplay between Gut Microbiota and Immunity in the Dietary Modulation of Hypertension	4/1/2019	6/30/2022	\$ 231,000	3
Career Development Award	Wang	Jing	PhD	Augusta University	Augusta	GA	Ganglioside GD3 in microglia after global cerebral ischemia	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Zou	Jianqiu	PhD	Augusta University	Augusta	GA	Role of Cullin 3 in cardiac mitochondrial quality control	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	ARBAB	Ali	MD, PhD	Augusta University	Augusta	GA	Targeted delivery and tracking of exosomes in stroke	7/1/2019	6/30/2022	\$ 300,000	3
Established Investigator Award	Belin De Chantemele	Eric	PhD, MS	Augusta University	Augusta	GA	Novel roles of perivascular adipose tissue in the control of endothelial and metabolic function	7/1/2019	6/30/2024	\$ 400,000	5
Transformational Project Award	Fulton	David		Augusta University	Augusta	GA	Circadian clock control of endothelial identity in atherosclerosis	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Huo	Yuqing	MD PhD	Augusta University	Augusta	GA	the role of adenosine kinase in the formation of aortic aneurysm	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Su	Huabo	PhD	Augusta University	Augusta	GA	Novel ubiquitin-like modification regulating mitochondrial dynamics in myocardium	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Zhou	Jiliang	MD, PhD	Augusta University	Augusta	GA	Identification, regulation and function of the smooth muscle-specific long non-coding RNA	7/1/2019	6/30/2022	\$ 300,000	3
Predocctoral Fellowship	Abdelbary	Mahmoud	BSC	Augusta University	Augusta	GA	The contribution of sex hormones to sex differences in renal necrosis in hypertension	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Batori	Robert	MSc, PhD	Augusta University	Augusta	GA	Novel roles of PFKFB3 in mediating nitric oxide synthesis and endothelial dysfunction in obesity	1/1/2020	12/31/2021	\$ 128,080	2



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Predoctoral Fellowship	Tian	Yanna	MS	Augusta University	Augusta	GA	Mechanisms of impaired wall shear stress mechanotransduction in aging	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Liu	Zhiping	PhD	Augusta University	Augusta	GA	Atherogenic effect of PFKFB3 in VSMCs	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	MOHAMED	Riyaz	MSc, PhD	Augusta University	Augusta	GA	Role of established hypertension in impaired renal recovery and function post-AKI in hypertensive males and females	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Wang	Yanhua	PhD	Emory University	Atlanta	GA	Role of a vasoactive hormone, adrenomedullin in mediating urine concentrating ability	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Wei	Zheng	PhD, BS	Emory University	Atlanta	GA	Glial reprogramming combined with iPS-NPC transplantation as a novel neuroregenerative therapy after ischemic stroke	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Hansen	Laura	BS, PhD	Emory University	Atlanta	GA	Skeletal Muscle Satellite Cells Play a Role in Arteriogenesis and Angiogenesis in Response to Ischemia	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Islek	Duygu	MPH, MD	Emory University	Atlanta	GA	Race differences in coronary heart disease incidence and recurrent acute myocardial infarction: a community study	7/1/2019	6/30/2021	\$ 53,688	2
Career Development Award	Lee	Sangho	PhD	Emory University	Atlanta	GA	Advance Therapeutics of Directly Reprogrammed Endothelial Cells	7/1/2019	6/30/2022	\$ 231,000	3
Transformational Project Award CHF	Cho	Hee Cheol	PhD	Emory University	Atlanta	GA	Hardware-free cardiac pacing for congenital heart block patients	1/1/2020	12/31/2022	\$ 300,000	3
Postdoctoral Fellowship	Fang	Junnan		Emory University	Atlanta	GA	The post-transcriptional regulation of a centrosome mRNA associated with congenital heart defects	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Kohli	Keshav		Emory University	Atlanta	GA	Image-based Modeling of Hemodynamic Outcome in Patients after Transcatheter Mitral Valve Replacement	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Sayegh	Michael		Emory University	Atlanta	GA	A biomaterials approach to inhibiting neutrophil extracellular traps (NETs) in the heart	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Xu	Wei	MD PhD	Emory University	Atlanta	GA	Role of matricellular protein CCN3 in regulating ischemia-induced neovascularization	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Gil	Carmen	BSC	Emory University	Atlanta	GA	3D Bioprinting of a CT-Visible Patient-Specific Cardiac Patch Device to Repair Adult Myocardium Following Heart Attack	7/1/2020	6/30/2022	\$ 62,032	2
Transformational Project Award	Lin	Zhiyong	PhD	Emory University	Atlanta	GA	Uncovering a role for PP2A in vascular disease	1/1/2021	12/31/2023	\$ 300,000	3
Predoctoral Fellowship CHF	Streeter	Benjamin	BS	Emory University	Atlanta	GA	Electrospun Polycaprolactone-Based Patches for Enhancing Cardiac Progenitor Cell Reparative Potential	1/1/2021	12/31/2022	\$ 63,040	2
Transformational Project Award	Yoon	Young-sup	M.D., Ph.D	Emory University	Atlanta	GA	Stem Cell-Mediated Cardiac Revascularization	1/1/2021	12/31/2023	\$ 300,000	3



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Career Development Award	Ding	Ye	PhD	Georgia State University	Atlanta	GA	Inflammasome in smoking-promoted atherosclerotic plaque rupture	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Okon	Imoh	PhD	Georgia State University	Atlanta	GA	Elucidating Novel Roles of Mitochondria FUNDC1 Receptor in Obesity‐instigated Angiogenesis	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Wu	Shengnan	PhD	Georgia State University	Atlanta	GA	The Role of the Mitochondria and Endoplasmic Reticulum Contacts in Diabetic Cardiomyopathy	4/1/2019	3/31/2022	\$ 231,000	3
Postdoctoral Fellowship	Harrington	Rachael	MS, PhD	Georgia State University	Atlanta	GA	Reading in aphasia	1/1/2020	3/31/2022	\$ 131,356	2
Transformational Project Award	Li	Chunying	Ph.D.	Georgia State University	Atlanta	GA	SMYD2 Methyltransferase in Vascular Homeostasis and Remodeling	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Sun	Wei	Ph.D.	Georgia Tech Research Corporation	Atlanta	GA	A Machine Learning Based Approach for Geometry Modeling and In Vivo Material Property Estimation of Thoracic Aorta	7/1/2018	6/30/2021	\$ 300,000	3
AHA Institutional Research Enhancement Award	Nowak	Scott	Ph.D.	Kennesaw State University Research and Service Foundation	Kennesaw	GA	The role of Akirin during heart development	4/1/2018	3/31/2020	\$ 154,000	2
Predoctoral Fellowship	Roggerson	Krystal	BS	Morehouse School of Medicine	Atlanta	GA	Investigating the Protective Effects of SGK-1 Inhibition in Obesity-Induced Vascular Metabolic Dysfunction	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	XU	Lingling		University of Georgia, Athens	Athens	GA	The function of fibroblast-derived laminin-gamma1 in intracerebral hemorrhage pathogenesis	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	BRATINCSAK	Andras	MD PhD	Hawaii Pacific Health	Honolulu	HI	Doxycycline treatment to prevent coronary artery lesions in Kawasaki disease	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Zhang	Yiqiang	MSc, PhD	University of Hawaii	Honolulu	HI	Visualization and Bioengineering of Cardiomyocyte Epigenetics	7/1/2018	6/30/2020	\$ 200,000	2
Transformational Project Award	Boisvert	William	BS, PhD	University of Hawaii	Honolulu	HI	Lipid metabolism in the endothelium	7/1/2019	6/30/2022	\$ 300,000	3
Scientist Development Grant	McNeill	Elizabeth	BS, PhD	Iowa State University	Ames	IA	The role of miR-987 in cardiac morphology and function	1/1/2016	3/31/2020	\$ 308,000	4
Innovative Project Award	Chen	Baoyu	PhD	Iowa State University	Ames	IA	Exploring a Missing Mechanism that Links Redox Signaling to Actin Remodeling in Angiogenesis	7/1/2019	6/30/2021	\$ 200,000	2
Established Investigator Award	Chauhan	Anil	PhD	The University of Iowa	Iowa City	IA	Novel mechanisms linking thrombosis and inflammation	1/1/2018	12/31/2022	\$ 400,000	5
Innovative Project Award	Nuxoll	Eric	BSE, PhD	The University of Iowa	Iowa City	IA	Thermoelectric Mitigation of Implant Infections	7/1/2018	6/30/2020	\$ 200,000	2
Strategic Collaborative Grant	Santillan	Mark	MD, PhD	The University of Iowa	Iowa City	IA	Mechanisms of Early and Late Postpartum Hypertension in Human Preeclampsia	7/1/2018	6/30/2020	\$ 187,773	2
Transformational Project Award	Song	Long	Ph.D.	The University of Iowa	Iowa City	IA	MG53: A double-edged sword in cardiac T-tubule damage and repair	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Thiel	William	BS	The University of Iowa	Iowa City	IA	Generation of Cardiac Specific Aptamer Ligands	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Vikram	Ajit	Ph.D.	The University of Iowa	Iowa City	IA	Gut-microbiota sensitive vascular microRNA-204 promotes diabetes-associated endothelial dysfunction	7/1/2018	6/30/2021	\$ 231,000	3



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Postdoctoral Fellowship	Deng	Guorui	BS, PhD	The University of Iowa	Iowa City	IA	Mechanisms of angiotensin AT1A signal transduction in AgRP neurons for metabolic rate control	4/1/2019	3/31/2021	\$ 106,532	2
Transformational Project Award	Ahern	Christopher	Ph.D.	The University of Iowa	Iowa City	IA	A Versatile Chemical-Genetic Approach to Examine Sodium Channelopathies	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Atasoy	Deniz	Ph.D.	The University of Iowa	Iowa City	IA	Synaptic Mechanisms of Obesity Induced Hypertension	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Nayak	Manasa	PhD	The University of Iowa	Iowa City	IA	Role of aerobic glycolysis in platelet function and thrombosis	7/1/2019	6/30/2021	\$ 110,456	2
Transformational Project Award	Pierce	Gary	PhD	The University of Iowa	Iowa City	IA	Inorganic Nitrate, Large Artery Stiffness and Cerebral Blood Flow in Aged Humans	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Scroggins	Sabrina	BS, PhD	The University of Iowa	Iowa City	IA	Treatment of Preeclampsia Using Cellular Immunotherapy	7/1/2019	6/30/2021	\$ 199,997	2
Innovative Project Award	Song	Long	Ph.D.	The University of Iowa	Iowa City	IA	Determining the role of junctophilin-2 in vascular smooth muscle physiology and disease	7/1/2019	6/30/2021	\$ 200,000	2
CENTER Cardiometabolic Health with Focus on Diabetes (Cardiometabolic Health Network)	Abel	E. Dale	MD, PhD	The University of Iowa	Iowa City	IA	A Heart-Liver-Adipose Axis: the role of inter-organ crosstalk in cardiometabolic risk.	1/1/2020	12/31/2023	\$ 580,804	4
PROJECT Cardiometabolic Health with Focus on Diabetes- Cardiometabolic Health Network	Anderson	Ethan	BS, PhD	The University of Iowa	Iowa City	IA	A Heart-Liver-Adipose Axis: the role of inter-organ crosstalk in cardiometabolic risk	1/1/2020	12/31/2023	\$ 954,732	4
Predoctoral Fellowship	Rouault	Alix		The University of Iowa	Iowa City	IA	Mechanism and physiological role of MRAP2-mediated regulation of GHSR1a signaling	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Tamplin	Michelle	BA, MS	The University of Iowa	Iowa City	IA	Quantitating vascular-mediated normal tissue injury with non-invasive imaging methods	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Doddapattar	Prakash	PhD	The University of Iowa	Iowa City	IA	Mechanistic role of pyruvate kinase M2 in atherogenesis	7/1/2020	6/30/2023	\$ 231,000	3
Innovative Project Award	Boudreau	Ryan	Ph.D.	The University of Iowa	Iowa City	IA	Streamlining Ribo-seq and Cut&Run for broader use in cardiovascular research	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Dhanesha	Nirav		The University of Iowa	Iowa City	IA	Novel Mechanisms for Deep Vein Thrombosis in Obesity	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Li	Qiuxia		The University of Iowa	Iowa City	IA	Sirtuin1-regulated crosstalk between the endothelium and insulin-sensitive tissues	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Evans	Colin	PhD	Ann & Robert H. Lurie Children's Hospital of Chicago-	Chicago	IL	Novel Regulation of Sepsis-Induced Lung Injury by Pulmonary Thrombosis	10/1/2019	9/30/2022	\$ 231,000	3
AHA Institutional Research Enhancement Award	Vaicik	Marcella	PhD	Illinois Institute of Technology	Chicago	IL	Research and Education Program for Magnetic Resonance-based 3D Biomarker of Oxygen Utility in the Brain and Heart	1/1/2019	2/28/2021	\$ 154,000	2
Innovative Project Award	Irving	Thomas	PhD	Illinois Institute of Technology	Chicago	IL	Multiscale Modeling and X-ray Diffraction: A novel approach to understanding heart disease	7/1/2019	6/30/2021	\$ 198,426	2



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Predoctoral Fellowship	Martin	Thomas		Loyola University Chicago	Chicago	IL	Determining the Role of BAG3 at the Cardiac Myofilament in Health and Disease	1/1/2020	12/31/2021	\$ 62,032	2
Innovative Project Award	Kekenes-huskey	Peter		Loyola University Medical Center	Maywood	IL	Toward early diagnosis of long QT syndrome using machine learning and molecular dynamics simulation of KCNH2	1/1/2021	12/31/2022	\$ 200,000	2
Strategically Focused PROJECT Go Red For Women Research Network	Shah	Sanjiv	MD	Northwestern University - Chicago Campus	Chicago	IL	Role of Female Sex and Hormone Status on HFpEF Pathophysiology and Therapy	4/1/2016	3/31/2020	\$ 1,083,632	4
Fellow-to-Faculty Transition Award	Feinstein	Matthew	MD, MSc	Northwestern University - Chicago Campus	Chicago	IL	Mechanistic Epidemiology of Myocardial Disease in HIV: Myocardial Fibrosis and Mechanics	7/1/2016	6/30/2021	\$ 593,000	5
PROJECT Strategically Focused Children's Research Network	Allen	Norrina	MPH, PhD	Northwestern University - Chicago Campus	Chicago	IL	Cardiovascular Health Trajectories from Birth Through Adolescence	7/1/2017	6/30/2021	\$ 963,300	4
PROJECT Strategically Focused Children's Research Network	Hou	Lifang	M.D., Ph.D.	Northwestern University - Chicago Campus	Chicago	IL	Characterizing Dynamic Epigenomic Markers of CVH in Early Life	7/1/2017	6/30/2021	\$ 939,898	4
CENTER Strategically Focused Children's Research Network	Marino	Bradley	MD, MSc	Northwestern University - Chicago Campus	Chicago	IL	Early Life Origins of Cardiovascular Health: Healthier, Earlier	7/1/2017	6/30/2021	\$ 740,837	4
PROJECT Strategically Focused Children's Research Network	Van Horn	Linda	PhD	Northwestern University - Chicago Campus	Chicago	IL	Keeping Ideal Cardiovascular Health Family Intervention Trial: KIDFIT	7/1/2017	6/30/2021	\$ 1,065,165	4
PROJECT Strategically Focused Vascular Disease Research Network	Greenland	Philip	MD	Northwestern University - Chicago Campus	Chicago	IL	Mitochondrial dysfunction and disability in PAD	4/1/2018	3/31/2022	\$ 1,044,451	4
CENTER Strategically Focused Vascular Disease Research Network	McDermott	Mary	BA, MD	Northwestern University - Chicago Campus	Chicago	IL	Calf Skeletal Muscle Pathology and Disability in Peripheral Artery Disease	4/1/2018	3/31/2022	\$ 874,357	4
PROJECT Strategically Focused Vascular Disease Research Network	McDermott	Mary	BA, MD	Northwestern University - Chicago Campus	Chicago	IL	NICotinamidE riboside with and without resveratrol to improve functioning in peripheral artery disease: The NICE Trial	4/1/2018	3/31/2022	\$ 1,366,439	4
Strategic Renewal Grant	Allen	Norrina	MPH, PhD	Northwestern University - Chicago Campus	Chicago	IL	Development of Age-Specific Childhood Risk Prediction Equations to Identify Children at High Risk for Poor Cardiovascula	7/1/2018	6/30/2020	\$ 365,466	2



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PROJECT Strategically Focused Atrial Fibrillation Research Network	Arora	Rishi		Northwestern University - Chicago Campus	Chicago	IL	The role of oxidative stress in creating a vulnerable substrate for atrial fibrillation in the intact atrium	7/1/2018	6/30/2022	\$ 1,106,562	4
Transformational Project Award	Burridge	Paul	PhD	Northwestern University - Chicago Campus	Chicago	IL	Validation of Genomic Hits Predicting Doxorubicin-Induced Cardiotoxicity for Drug Discovery	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	De Almeida	Lucia	PhD	Northwestern University - Chicago Campus	Chicago	IL	Uncovering the role of extracellular ASC danger particles in atherosclerosis and gout	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Deberge	Matthew		Northwestern University - Chicago Campus	Chicago	IL	Myeloid HIFs in cardiac transplantation vasculopathy	7/1/2018	6/30/2021	\$ 231,000	3
PROJECT Strategically Focused Atrial Fibrillation Research Network	Greenland	Philip	MD	Northwestern University - Chicago Campus	Chicago	IL	ATRIAL SUBSTRATE IN ATRIAL FIBRILLATION AND AF-ASSOCIATED BRAIN DISEASE	7/1/2018	6/30/2022	\$ 841,913	4
Career Development Award	Liu	Xiaolei	PhD	Northwestern University - Chicago Campus	Chicago	IL	Cardiac lymphatic endothelial cells: novel players in cardiomyocyte survival during heart development and repair	7/1/2018	6/30/2021	\$ 231,000	3
CENTER Strategically Focused Atrial Fibrillation Research Network	Passman	Rod	MD	Northwestern University - Chicago Campus	Chicago	IL	ATRIAL MYOPATHY IN ATRIAL FIBRILLATION	7/1/2018	6/30/2022	\$ 706,927	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Passman	Rod	MD	Northwestern University - Chicago Campus	Chicago	IL	ATRIAL MYOPATHY: STRUCTURE AND FUNCTION IN AF ABLATION	7/1/2018	6/30/2022	\$ 1,053,798	4
Career Development Award	Puckelwartz	Megan	PhD	Northwestern University - Chicago Campus	Chicago	IL	Genomic context alters disease manifestation of cardiomyopathies	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Winter	Deborah	PhD	Northwestern University - Chicago Campus	Chicago	IL	Understanding the molecular link between cardiovascular disease and rheumatoid arthritis	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Han	Seunghye	MD, MPH	Northwestern University - Chicago Campus	Chicago	IL	Role of mitochondrial metabolism in lung development and repair.	4/1/2019	3/31/2022	\$ 231,000	3
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	George	Alfred	M.D.	Northwestern University - Chicago Campus	Chicago	IL	Correlating SCD Risk with Cell Autonomous Arrhythmia Susceptibility	7/1/2019	6/30/2023	\$ 880,000	4
Strategic Collaborative Grant	Hou	Lifang	M.D., Ph.D.	Northwestern University - Chicago Campus	Chicago	IL	Longitudinal epigenomic study of gestational diabetes mellitus and cardiac structure and function	7/1/2019	6/30/2021	\$ 249,818	2
Career Development Award	Joyce	Brian	PhD	Northwestern University - Chicago Campus	Chicago	IL	Associations Between Whole Genome Sequencing-Derived Telomere Length and Subclinical Cardiovascular Disease	7/1/2019	6/30/2022	\$ 231,000	3



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Transformational Project Award	Khan	Sadiya	MD, MSc	Northwestern University - Chicago Campus	Chicago	IL	Transforming the Primary Prevention Paradigm for Heart Failure	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Kim	Daniel	BS, PhD	Northwestern University - Chicago Campus	Chicago	IL	Wideband Cardiac MRI for Predicting Right Heart Failure after LVAD Implantation	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Markl	Michael	Ph.D.	Northwestern University - Chicago Campus	Chicago	IL	Patient Specific 4D Flow Modeling for Improved Management of Aortic Coarctation Repair	7/1/2019	6/30/2022	\$ 300,000	3
CENTER Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	McNally	Elizabeth	M.D., Ph.D.	Northwestern University - Chicago Campus	Chicago	IL	Northwestern Sudden Cardiac Death Collaboration	7/1/2019	6/30/2023	\$ 727,244	4
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	McNally	Elizabeth	M.D., Ph.D.	Northwestern University - Chicago Campus	Chicago	IL	Genomics of Arrhythmias and Sudden Death	7/1/2019	6/30/2023	\$ 1,221,956	4
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Rasmussen Torvik	Laura	MPH, PhD	Northwestern University - Chicago Campus	Chicago	IL	Integration of genomics into clinical care for SCD	7/1/2019	6/30/2023	\$ 880,000	4
Predoctoral Fellowship	Fischer	Julie		Northwestern University - Chicago Campus	Chicago	IL	Testing modifiers of cardiomyopathy	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Plaisier	Thomas	BS	Northwestern University - Chicago Campus	Chicago	IL	Reflex hyperexcitability in hemiparetic stroke during ballistic reaching	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Shi	Fandi		Northwestern University - Chicago Campus	Chicago	IL	Development of a new approach to quantify muscle mechanical properties in stroke survivors	1/1/2020	3/31/2022	\$ 62,032	2
Postdoctoral Fellowship	Gutierrez	Monica	BS, PhD	Northwestern University - Chicago Campus	Chicago	IL	Defining an epigenomic signature of myeloid skewing as a risk factor for cardiovascular disease in aging	6/1/2020	5/31/2022	\$ 128,080	2
Career Development Award	Allen	Bradley		Northwestern University - Chicago Campus	Chicago	IL	Hemodynamic evaluation in type B aortic dissection with 4D flow MRI for risk-stratification and treatment planning	7/1/2020	6/30/2023	\$ 231,000	3
Strategic Collaborative Grant	Arora	Rishi		Northwestern University - Chicago Campus	Chicago	IL	Novel reactive lipid mediators underlie the emergence of AF triggers in the posterior left atrium	7/1/2020	6/30/2022	\$ 192,561	2
Strategic Collaborative Grant	Passman	Rod	MD	Northwestern University - Chicago Campus	Chicago	IL	DETERMINATION OF RADIOGENOMIC MARKERS FOR PREDICTION OF ATRIAL FIBRILLATION RISK AND ABLATION OUTCOMES	7/1/2020	6/30/2022	\$ 225,912	2
Transformational Project Award	Elbaz	Mohammed		Northwestern University - Chicago Campus	Chicago	IL	4D Hemodynamic Signatures of Atrial Fibrillation, Ablation Efficacy and Risk of Stroke	1/1/2021	12/31/2023	\$ 300,000	3



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Career Development Award	JIANG	Bin	PhD	Northwestern University - Evanston Campus	Chicago	IL	Restoring vascular endothelial functions for diabetic patients with peripheral artery disease	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	JIANG	Bin	PhD	Northwestern University - Evanston Campus	Chicago	IL	Autologous Vascular Regeneration for Peripheral Artery Disease Patients	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Scott	Evan	Ph.D.	Northwestern University - Evanston Campus	Chicago	IL	Multiplexed cellular MRI for quantitative assessment of vascular plaque instability	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Jacobs	Miranda	BS	Northwestern University - Evanston Campus	Chicago	IL	Fatty acids in cellular membranes nonspecifically impact cardiovascular function though Piezo1 activity	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Liu	Qing	PhD	Southern Illinois University School of Medicine	Springfield	IL	Drug-induced alterations in metabolic remodeling and transcriptional regulation during cardiomyocyte differentiation	7/1/2018	8/30/2021	\$ 231,000	3
Innovative Project Award	Hibino	Narutoshi	MD PhD	University of Chicago	Dalian	IL	Bio 3d printed cardiac tissue to investigate pathogenesis of single ventricle	7/1/2018	6/30/2020	\$ 200,000	2
Predoctoral Fellowship	Hall	Johnathon	BS	University of Chicago	Dalian	IL	Dissecting novel chromatin-enriched RNA regulators of cardiac inflammation and rhythm	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Hansen	Grace		University of Chicago	Dalian	IL	Identifying and characterizing novel genetic mechanisms of obesity and metabolic health	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Krishnamohan	Aiswarya	BS	University of Chicago	Dalian	IL	Role of SF3b1 in regulating alternative splicing during hypoxia in cardiac hypertrophy	1/1/2020	12/31/2021	\$ 128,836	2
Transformational Project Award	Alenghat	Francis	MD	University of Chicago	Dalian	IL	Regulatory Macrophage Function in Coronary Artery Disease and the Impact of Inflammatory Connective Tissue Diseases	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Fang	Yun	PhD	University of Chicago	Dalian	IL	Novel roles of Thioredoxin domain containing 5 (TXNDC5) in endothelial mechano-transduction and atherosclerosis	1/1/2021	12/31/2023	\$ 300,000	3
Career Development Award	Chen	Tianji	PhD	University of Illinois at Chicago	Chicago	IL	Role of Endothelium-derived Microvesicles in Pulmonary Hypertension	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Harijith	Anantha	MBBS, MD	University of Illinois at Chicago	Chicago	IL	Role of Sphingosine 1 Phosphate (S1P) and S1P 1 receptor signaling in Bronchopulmonary Dysplasia	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Li	Jing	PhD	University of Illinois at Chicago	Chicago	IL	DREAM in neutrophil recruitment during inflammation	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Zhang	Lianghui	MD PhD	University of Illinois at Chicago	Chicago	IL	The Regulation of Endothelial Regeneration in Acute Lung Injury by Sox17	7/1/2018	6/30/2021	\$ 231,000	3
Predoctoral Fellowship	Guo	Yukuang	MS	University of Illinois at Chicago	Chicago	IL	The role of gut bacteria in tacrolimus disposition	1/1/2019	3/31/2021	\$ 53,688	2
Predoctoral Fellowship	Lenzini	Stephen	BS, MS	University of Illinois at Chicago	Chicago	IL	Biomaterial strategy to control delivery of extracellular vesicles for the treatment of acute lung injury	1/1/2019	4/30/2021	\$ 53,688	2
Career Development Award	HONG	Liang	MD PhD	University of Illinois at Chicago	Chicago	IL	Investigation of SCN5A variants associated with atrial fibrillation using hiPSCs-derived atrial-like cells	4/1/2019	3/31/2022	\$ 231,000	3



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Award Program	Last Name	First Name	Degrees	Institution	City	ST	Project Title	Award Start	Award End	Award Amount	Years Duration
Career Development Award	Kim	Young-mee	PhD	University of Illinois at Chicago	Chicago	IL	Extra-Mitochondrial Roles of Mitofusin 2 in the Regulation of Endothelial Barrier Function During Acute Vascular Injury	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Wary	Kishore	Ph.D.	University of Illinois at Chicago	Chicago	IL	Nanog in the regulation cardiac vascular network regeneration	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Lewandowski	Cutler	BS	University of Illinois at Chicago	Chicago	IL	Selective Small-Molecule Inducers of ABCA1 as Multifunctional Therapeutics	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Szmelter	Adam	BS	University of Illinois at Chicago	Chicago	IL	Investigating the role hydrogen sulfide in vascular inflammation using a novel 96-well gas delivery device	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Slater	Lindsay	PhD	University of Illinois at Chicago - UIC	Chicago	IL	The effect of ischemic conditioning on strength and ambulation in lower limb amputees	1/1/2021	12/30/2023	\$ 230,762	3
AHA Institutional Research Enhancement Award	Harber	Matthew	PhD	Ball State University	Muncie	IN	Cardiopulmonary Exercise Testing and Mortality Outcomes	7/1/2018	6/30/2020	\$ 153,917	2
Institutional Award for Undergraduate Student Training	Macy	Jon		Indiana University	Bloomington	IN	Undergraduate Research Program to Address Cardiovascular Health (URPACH)	1/1/2020	12/31/2022	\$ 60,000	3
Transformational Project Award	Chen	Zhenhui	PhD	Indiana University, Indianapolis	Indianapolis	IN	Specific Accumulation of Phospholamban in Nuclear Membranes of Cardiomyocytes: Role in Regulating Nuclear Calcium Stores	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Kim	Il-man	PhD	Indiana University, Indianapolis	Indianapolis	IN	The novel role of microRNA-532-5p/prss23 axis in regulating cardiac vascularization during acute myocardial infarction	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Frump	Andrea	PhD	Indiana University, Indianapolis	Indianapolis	IN	The role of apelin-mediated right ventricular-protective effects in pulmonary hypertension	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Jung	Miyeon	RN PhD	Indiana University, Indianapolis	Indianapolis	IN	A Virtual Reality Intervention to Improve Attention in Heart Failure Patients	4/1/2019	3/31/2022	\$ 230,937	3
Innovative Project Award	Chen	Hueisheng Vincent	MD PhD	Indiana University, Indianapolis	Indianapolis	IN	Studying pathogenesis of Brugada Syndrome using patient-specific induced pluripotent stem cells (iPSCs)	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Ware	Stephanie	MD.PhD.	Indiana University, Indianapolis	Indianapolis	IN	The genetics of cardiovascular malformations: a clinical approach	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	YANG	Lei	PhD	Indiana University, Indianapolis	Indianapolis	IN	Dissecting essential roles of ARID1A in controlling cardiac and neural differentiation from human pluripotent stem cells	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Holmes	Michael	BSC, PhD	Indiana University, Indianapolis	Indianapolis	IN	Translational control during bradyzoite formation in the heart pathogen Toxoplasma gondii	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Moukette	Bruno	PhD	Indiana University, Indianapolis	Indianapolis	IN	The novel role of microRNA-125a-5p/bak1 axis in regulating cardiomyocyte survival during acute myocardial infarction	1/1/2020	12/31/2021	\$ 128,836	2



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Career Development Award	Roh	Hyun Cheol		Indiana University, Indianapolis	Indianapolis	IN	Obesity-Induced Cellular Reprogramming in Adipocytes: A Role for SRF	7/1/2020	6/30/2023	\$ 231,000	3
Established Investigator Award	YANG	Lei	PhD	Indiana University, Indianapolis	Indianapolis	IN	LncRNA regulates lipid metabolism in human heart	1/1/2021	12/31/2025	\$ 400,000	5
Transformational Project Award	Tisdale	James	Ph.D.	Purdue University	West Lafayette	IN	Reducing the Risk of Drug-Induced QT Interval Lengthening in Women	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Liu	Xing	PhD	Purdue University	West Lafayette	IN	Role of Cand2, a heart and skeletal muscle specific protein, in regulating protein ubiquitination and degradation	7/1/2020	6/30/2023	\$ 228,877	3
Innovative Project Award	Gavin	Timothy	Ph.D.	Purdue University	West Lafayette	IN	Skeletal muscle microvascular dysfunction in obesity	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Hanjaya-putra	Donny	Ph.D.	University of Notre Dame	Notre Dame	IN	Engineering Therapeutic Lymphangiogenesis	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Czirok	Andras	Ph.D	University of Kansas Medical Center	Kansas City	KS	Medium throughput cardiotoxicity screening utilizing avian embryos, image processing and machine learning	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Fuller	Kelly	BS, MS	University of Kansas Medical Center	Kansas City	KS	Oral Contraceptives and Cardiometabolic Health	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Hoitsma	Nicole	BS	University of Kansas Medical Center	Kansas City	KS	Characterizing the APE1 DNA Intercalating Loop During DNA Sculpting	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Mazzotti	Diego		University of Kansas Medical Center	Kansas City	KS	Leveraging Electronic Health Records for Causal Inference of CPAP Utilization on Cardiovascular Risk	1/1/2021	12/31/2023	\$ 227,354	3
PROJECT Strategically Focused Vascular Disease Research Network	Cassis	Lisa	Ph. D	University of Kentucky, Lexington	Lexington	KY	Sexual dimorphism of aortopathies	4/1/2018	3/31/2022	\$ 1,042,800	4
CENTER Strategically Focused Vascular Disease Research Network	Daugherty	Alan	PhD	University of Kentucky, Lexington	Lexington	KY	University of Kentucky- Baylor College of Medicine Aortopathy Research Center	4/1/2018	3/31/2022	\$ 525,800	4
PROJECT Strategically Focused Vascular Disease Research Network	Daugherty	Alan	PhD	University of Kentucky, Lexington	Lexington	KY	Role of sex hormones on elastin stability in formation of thoracic aortopathies	4/1/2018	3/31/2022	\$ 1,042,800	4
Innovative Project Award	BERRON	Bradley	BS, PhD	University of Kentucky, Lexington	Lexington	KY	Intentional positioning of cells in a decellularized heart	7/1/2018	6/30/2020	\$ 200,000	2
Established Investigator Award	Stowe	Ann	Ph.D.	University of Kentucky, Lexington	Lexington	KY	Rethinking repair: long-term adaptive immunity supports functional recovery for stroke patients	4/1/2019	3/31/2024	\$ 400,000	5
Transformational Project Award	Despa	Sanda	PhD	University of Kentucky, Lexington	Lexington	KY	Cardiovascular consequences of gestational diabetes; role of amylin	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Chen	Meifan	Ph.D.	University of Kentucky.	Lexington	KY	Tuning astrogliosis to promote neural plasticity after stroke	7/1/2018	9/30/2021	\$ 231,000	3



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Scientist Development Grant	Nystoriak	Matthew	BA, PhD	University of Louisville	Louisville	KY	Compartmentalized cAMP signaling in diabetic vascular dysfunction.	7/1/2016	6/30/2020	\$ 308,000	4
Scientist Development Grant	Kopechek	Jonathan	Ph.D.	University of Louisville	Louisville	KY	Ultrasound-Targeted Delivery of miRNA Therapeutics for Cardiac Repair after Myocardial Infarction	7/1/2017	6/30/2020	\$ 231,000	3
AHA Institutional Research Enhancement Award	Han	Guichun	MD, MD PhD	University of Pikeville, Inc.	Pikeville	KY	The crosstalk of estrogen receptors and dual G-protein coupling in coronary arterioles	7/1/2018	10/31/2020	\$ 154,000	2
Career Development Award	Lee	Reggie	PhD	Louisiana State University Health Science Center	Shreveport	LA	Serum/glucocorticoid-regulated kinases 1 in cerebral ischemia	7/1/2019	6/30/2022	\$ 231,000	3
Transformational Project Award	Lin	Kevin	Ph.D	Louisiana State University Health Science Center	Shreveport	LA	Regulation of the Sympathetic Nervous System in Cerebral Ischemia	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Wu	Celeste Yin-chieh	PhD	Louisiana State University Health Science Center	Shreveport	LA	Neuropeptide Y-Mediated Neuroprotection	7/1/2019	6/30/2021	\$ 110,456	2
Postdoctoral Fellowship	Abdullah	Chowdhury	MSc, PhD	Louisiana State University Health Science Center	Shreveport	LA	Sigma-1 receptor protects diabetic cardiomyopathy by activating adaptive endoplasmic reticulum stress pathway	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Alfaidi	Mabruka	MD, PhD	Louisiana State University Health Science Center	Shreveport	LA	Nck1 Regulates Atherogenic Endothelial Activation	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Scott	Matthew	BSC, PhD	Louisiana State University Health Science Center	Shreveport	LA	EphA2 signaling mechanisms in smooth muscle proliferation and migration in atherosclerosis	1/1/2020	12/31/2021	\$ 128,080	2
Predoctoral Fellowship	Belmonte	Krystal Courtney	BS	Louisiana State University Health Sciences Center-New Orleans	New Orleans	LA	Intergenerational resilience to vascular cognitive impairment by epigenetic responses to repetitive hypoxic conditioning	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Li	Zhen	Ph.D	Louisiana State University Health Sciences Center-New Orleans	New Orleans	LA	Elucidating the Role of Intramitochondrial H2S in Heart Failure	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Dorling	James	BSC, PhD	Pennington Biomedical Research Center	Baton Rouge	LA	The role of anxiety, depression and eating behaviors on weight loss in an underserved cohort: a mediation analysis	1/1/2020	12/31/2021	\$ 131,356	2
Career Development Award	Jackson-weaver	Olan	PhD	Tulane University Health Sciences Center	New Orleans	LA	Arginine methylation of IP3 receptors in NFAT signaling and angiogenesis	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Yoshida	Tadashi	BS, PhD	Tulane University Health Sciences Center	New Orleans	LA	Skeletal Muscle Stem Cell Angiotensin II Receptors as Novel Therapeutic Targets of Cachexia in Congestive Heart Failure	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Kasireddy	Nithya	BSE	Tulane University Health Sciences Center	New Orleans	LA	Small-Volume Noncontact Assessment of Blood Coagulation in Neonatal and Pediatric Patients via Acoustic Tweezing	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Zhou	Xingyan		Tulane University Health Sciences Center	New Orleans	LA	Determining angiopoietin 2 inhibition as a potential therapeutic target to universally rescue HHT-associated phenotypes	1/1/2020	12/31/2021	\$ 62,032	2



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Career Development Award	Alves De Souza	Rodrigo	MSc, PhD	Beth Israel Deaconess Medical Center	Boston	MA	The role of heme in exercise-induced protection against cardiotoxicity	4/1/2019	3/31/2022	\$ 230,800	3
Career Development Award	Yang	Huan	MD, PhD	Beth Israel Deaconess Medical Center	Boston	MA	RAAS biomarkers of renal function and blood pressure response to sleep loss.	4/1/2019	3/31/2022	\$ 231,000	3
AHA/Amazon Web Services 3.0 Data Grant Portfolio - AI and ML	Fahmy	Ahmed	MSc, PhD	Beth Israel Deaconess Medical Center	Boston	MA	Deep-learning based platform for accurate quantification of scar burden in hypertrophic cardiomyopathy	7/1/2019	6/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Liu	Jing	MD	Beth Israel Deaconess Medical Center	Boston	MA	The mechanisms of eosinophil protection against myocardial infarction injury	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	ROBBINS	Jeremy	MD	Beth Israel Deaconess Medical Center	Boston	MA	Dimethylguanidino valeric acid and chronic exercise-induced cardiometabolic adaptations	1/1/2021	12/31/2023	\$ 231,000	3
Established Investigator Award	Chen	Hong	PhD	Boston Children's Hospital.	Boston	MA	The role of pro-atherogenic molecule epsin in regulating cardiovascular diseases	1/1/2015	12/31/2020	\$ 400,000	6
Established Investigator Award	Biddinger	Sudha	MD PhD	Boston Children's Hospital.	Boston	MA	Mechanisms underlying diabetes associated cardiovascular disease: beyond hyperglycemia	1/1/2017	12/31/2021	\$ 400,000	5
Transformational Project Award	Breault	David	M.D., Ph.D.	Boston Children's Hospital.	Boston	MA	FGF Signaling in Primary Aldosteronism	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Hedjazi Moghari	Mehdi	PhD	Boston Children's Hospital.	Boston	MA	Improving Outcomes in Pediatric Cardiology by Performing Virtual Cardiac Surgery	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Cantor	Alan	M.D., Ph.D.	Boston Children's Hospital.	Boston	MA	3D Chromatin Interaction Analysis to Accurately Map Cis-Regulatory Elements to Human Megakaryocyte/Platelet Genes	7/1/2019	6/30/2021	\$ 200,000	2
Innovative Project Award	Im	Kiho		Boston Children's Hospital.	Boston	MA	Developing a Predictive Model of Fetal to Neonatal Brain Development in Congenital Heart Disease	7/1/2019	6/30/2021	\$ 194,896	2
Transformational Project Award	Tao	Rongya	PhD	Boston Children's Hospital.	Boston	MA	Target Follistatin to alleviate obesity and hypercholesterolemia	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Akerberg	Alexander	MS, PhD	Boston Children's Hospital.	Boston	MA	Rbpms2 promotes ventricular contractility through cardiac-specific alternative splicing	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship CHF	Dionne	Audrey	MD	Boston Children's Hospital.	Boston	MA	Predicting arrhythmogenic risk in post-operative congenital heart disease patients	1/1/2020	12/31/2021	\$ 148,108	2
Postdoctoral Fellowship	Gao	Yao		Boston Children's Hospital.	Boston	MA	Mechanisms Regulating Neuropilin 2 in Lymphedema	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Lu	Fujian	PhD	Boston Children's Hospital.	Boston	MA	Development of MYBPC3-based gene therapy to regulate RYR2 activity	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Lu	Yao Wei	BS, PhD	Boston Children's Hospital.	Boston	MA	Regulation of heart development and function by poly(rC)-binding protein 1	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Morton	Sarah	M.D., Ph.D.	Boston Children's Hospital.	Boston	MA	Assessment of Genetic Contribution to Cancer Risk for Individuals with Congenital Heart Disease	1/1/2020	12/31/2021	\$ 150,316	2
Postdoctoral Fellowship	Xiao	Feng	PhD	Boston Children's Hospital.	Boston	MA	Functional dissection of non-coding mutations in congenital heart disease	1/1/2020	12/31/2021	\$ 131,356	2



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Transformational Project Award	Chen	Hong	PhD	Boston Children's Hospital.	Boston	MA	The pro-atherogenic molecular mechanisms regulating cardiovascular diseases	1/1/2021	12/31/2023	\$ 300,000	3
Fellow-to-Faculty Transition Award	Gopal	Deepa	MD, MS	Boston Medical Center	Boston	MA	Cardiac Phenotyping to Identify Preclinical Heart Failure in Metabolic Syndrome	7/1/2017	6/30/2022	\$ 593,000	5
Career Development Award	Streed	Carl	MD, MPH	Boston Medical Center	Boston	MA	Assessing and addressing cardiovascular health in transgender adults	7/1/2020	6/30/2023	\$ 230,869	3
Scientist Development Grant	Kolachalama	Vijaya	PhD	Boston University Medical Campus	Boston	MA	Mechanisms of drug-coated balloon therapy	7/1/2017	6/30/2020	\$ 231,000	3
CENTER Strategically Focused Atrial Fibrillation Research Network	Benjamin	Emelia	MD, ScM	Boston University Medical Campus	Boston	MA	Advancing Atrial Fibrillation Precision Medicine	7/1/2018	6/30/2022	\$ 763,381	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Trinquant	Ludovic	PhD	Boston University Medical Campus	Boston	MA	Clinical and genetic prediction of lifetime risk of atrial fibrillation and its complications	7/1/2018	6/30/2022	\$ 925,511	4
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Hamburg	Naomi	MD	Boston University Medical Campus	Boston	MA	Restoring Vascular and Endothelial Health in Patients with Diabetes Mellitus	1/1/2020	12/31/2023	\$ 888,290	4
CENTER Health Technologies and Innovation Network	Au	Rhoda	Ph.D	Boston University Medical Campus	Boston	MA	Integrated Digital Technology Platform for Optimization of Precision Brain Health	7/1/2020	6/30/2024	\$ 551,559	4
PROJECT Health Technologies and Innovation Network	Au	Rhoda	Ph.D	Boston University Medical Campus	Boston	MA	Integrated Digital Technology Platform for Optimization of Precision Brain Health	7/1/2020	6/30/2024	\$ 1,366,217	4
End Nicotine Addiction in Children and Teens	Hamburg	Naomi	MD	Boston University Medical Campus	Boston	MA	Rapidly Advancing Discovery to Arrest the Outbreak of Youth Vaping (VAPERACE)	7/1/2020	6/30/2022	\$ 6,650,000	2
PROJECT Health Technologies and Innovation Network	Kolachalama	Vijaya	PhD	Boston University Medical Campus	Boston	MA	Integrated Digital Technology Platform for Optimization of Precision Brain Health	7/1/2020	6/30/2024	\$ 177,506	4
PROJECT Health Technologies and Innovation Network	Lin	Honghuang	Ph.D.	Boston University Medical Campus	Boston	MA	Futurizing Brain Health Monitoring Platform	7/1/2020	6/30/2024	\$ 704,718	4
Career Development Award	Walker	Maura	BS, MS	Boston University Medical Campus	Boston	MA	Integrative omics approach to elucidate diet quality-blood pressure relations	7/1/2020	6/30/2023	\$ 231,000	3
Predoctoral Fellowship	Roto	Anna	MS, MPH	Boston University, Boston	Boston	MA	Soft Robotic Exercise Intervention for Enhancing Neuroplasticity After Stroke	1/1/2019	4/30/2021	\$ 53,688	2
Postdoctoral Fellowship	Sundaram	Subramanian	PhD	Boston University, Boston	Boston	MA	Charting the impact of Myocardial Bridging(MB)- In vitro models for the geometry specific role of MB in atherosclerosis	1/1/2020	12/31/2021	\$ 128,836	2



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Collaborative Sciences Award	Body	Simon	MB ChB	Brigham & Women's Hospital	Boston	MA	Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease	7/1/2017	6/30/2020	\$ 297,000	3
Collaborative Sciences Award	Farokhzad	Omid	MD	Brigham & Women's Hospital	Boston	MA	Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology	7/1/2018	6/30/2021	\$ 219,999	3
Collaborative Sciences Award	Libby	Peter	MD	Brigham & Women's Hospital	Boston	MA	Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology	7/1/2018	6/30/2021	\$ 309,999	3
Collaborative Sciences Award	Yu	Mikyung	PhD	Brigham & Women's Hospital	Boston	MA	Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology	7/1/2018	6/30/2021	\$ 220,002	3
Institute - Methods Validation Grant	Demler	Olga	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Flexible Framework for Cardiovascular Risk Prediction in a Clinical Setting	10/1/2017	3/30/2021	\$ 184,868	3
CENTER Strategically Focused Vascular Disease Research Network	Bonaca	Marc	MD, MPH	Brigham and Women's Hospital, Inc.	Boston	MA	Understanding Pathobiology and Predictors of Limb Ischemia to Improve Outcomes in Peripheral Artery Disease and Diabetes	4/1/2018	3/31/2022	\$ 580,800	4
PROJECT Strategically Focused Vascular Disease Research Network	Bonaca	Marc	MD, MPH	Brigham and Women's Hospital, Inc.	Boston	MA	Risk Prediction and Personalizing Therapy to Prevent Critical Limb ischemia in Patients with PAD and Diabetes	4/1/2018	3/31/2022	\$ 1,042,800	4
PROJECT Strategically Focused Vascular Disease Research Network	Feinberg	Mark	MD	Brigham and Women's Hospital, Inc.	Boston	MA	Non-coding RNAs in diabetic critical limb ischemia: discovery, pathobiology, and therapeutic intervention	4/1/2018	3/31/2022	\$ 1,042,800	4
Career Development Award	Ajay	Amrendra	Ph.D.	Brigham and Women's Hospital, Inc.	Boston	MA	STAT3 transcriptional repositioning during acute kidney injury to fibrosis progression	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Azarbarzin	Ali	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Phenotyping hypoxia and arousal contributions to cardiovascular morbidity and mortality in patients with sleep apnea	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Haghighi	Alireza	MD PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Discovery of Novel Genetic Variants Underlying Unexplained Hypertrophic Cardiomyopathy by WGS and RNAseq	4/1/2019	3/31/2022	\$ 230,919	3
My Research Legacy Data Analysis	Leopold	Jane		Brigham and Women's Hospital, Inc.	Boston	MA	My Research Legacy Data Analysis	4/1/2019	3/31/2021	\$ 100,000	2
Postdoctoral Fellowship	Mason	Ivy	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Role of Dietary Habits in Weight Loss Efficacy after Bariatric Surgery	4/1/2019	6/30/2021	\$ 110,456	2
Strategic Renewal Grant	Dorbala	Sharmila	MD, MPH	Brigham and Women's Hospital, Inc.	Boston	MA	Molecular imaging and cellular toxicity measures for early diagnosis of AL amyloid cardiomyopathy	7/1/2019	6/30/2021	\$ 335,053	2
Transformational Project Award	Sherwood	Richard	Ph.D.	Brigham and Women's Hospital, Inc.	Boston	MA	Toward gain-of-function CRISPR/Cas9 gene therapy for LDLR frameshift mutations	7/1/2019	6/30/2022	\$ 300,000	3



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Innovative Project Award	Shin	Su Ryon	Ph.D	Brigham and Women's Hospital, Inc.	Boston	MA	In situ bioprinting of personalized iPSC-laden oxygen generating implants for myocardial infarction treatment	7/1/2019	6/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Williams	Jason	BA, PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Mechanisms of Accelerated Atherogenesis due to Clonal Hematopoiesis	7/1/2019	6/30/2021	\$ 106,532	2
Transformational Project Award	Zhang	Yu	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	A Bioinspired Pro-Healing Medical Adhesive towards Myocardial Infarction Treatment	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	De Jesus Borges	Thiago	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Role of the Glycome in Promoting Immune Regulation after Transplantation	1/1/2020	12/31/2021	\$ 135,352	2
CENTER Cardiometabolic Health with Focus on Diabetes (Cardiometabolic Health Network)	Feinberg	Mark	MD	Brigham and Women's Hospital, Inc.	Boston	MA	Strategies to Understand Pathobiology, Predictors & Pharmacotherapy to Reduce Adverse CV Outcomes in T2DM (SUPER-CVDM)	1/1/2020	12/31/2023	\$ 580,800	4
PROJECT Cardiometabolic Health with Focus on Diabetes- Cardiometabolic Health Network	Feinberg	Mark	MD	Brigham and Women's Hospital, Inc.	Boston	MA	Non-coding RNAs in ischemic myocardial disease and diabetes: discovery, pathobiology, and therapeutic intervention	1/1/2020	12/31/2023	\$ 954,732	4
PROJECT Cardiometabolic Health with Focus on Diabetes- Cardiometabolic Health Network	Sabatine	Marc	MD, MPH	Brigham and Women's Hospital, Inc.	Boston	MA	Risk Prediction and Personalizing Therapy to Reduce Major Vascular, Heart Failure, and Renal Events in Diabetes	1/1/2020	12/31/2023	\$ 1,021,178	4
Postdoctoral Fellowship	Vena	Daniel	PhD	Brigham and Women's Hospital, Inc.	Boston	MA	Phenotyping from Polysomnography to Predict Sleep Apnea Response to Oral Appliance Therapy	1/1/2020	12/31/2021	\$ 131,356	2
Covid-19 Rapid Response	Loscalzo	Joseph	M.D., Ph.D.	Brigham and Women's Hospital, Inc.	Boston	MA	Repurposing Drugs for Treatment of Cardiomyopathy Caused by Coronavirus-2 (SARS-CoV-2)	6/1/2020	5/31/2021	\$ 99,999	1
Transformational Project Award	Kim	Edy	M.D., Ph.D.	Brigham and Women's Hospital, Inc.	Boston	MA	I-CAN: A collaborative research network to discover immunological therapies for cardiac arrest	1/1/2021	12/31/2023	\$ 300,000	3
Postdoctoral Fellowship	Clark	Lindsay	PhD	Harvard Medical School	Boston	MA	Mechanisms of ER membrane curvature generation by the reticulon and REEP proteins	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Min	Soohong	PhD	Harvard Medical School	Boston	MA	Genetic control of arterial baroreceptors and chemoreceptors	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Ma	Yuan	Ph.D, M.D	Harvard T.H. Chan School of Public Health	Boston	MA	Sodium intake and cardiovascular risk in healthy adults: a pooled analysis of cohorts with multiple 24-hr urine samples	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Bond	Laura		Harvard T.H. Chan School of Public Health	Boston	MA	Elucidating the molecular function of RNF213 in cellular lipotoxicity	7/1/2020	6/30/2022	\$ 131,356	2
Collaborative Sciences Award	Liu	David	PhD	Harvard University	Cambridge	MA	DNA Base Editing as a Therapeutic Strategy in Hutchinson-Gilford Progeria Syndrome	1/1/2021	12/31/2023	\$ 120,000	3



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Transformational Project Award	Awad	Louis	Ph.D	Harvard University, Cambridge	Cambridge	MA	Robotic Exosuit Augmented Locomotion (REAL) training in the clinic and community	7/1/2018	6/30/2021	\$ 299,973	3
Collaborative Sciences Award	Walsh	Conor		Harvard University, Cambridge	Cambridge	MA	Intracortical control of soft robotics for restoration of hand function after stroke	7/1/2019	6/30/2022	\$ 374,292	3
Established Investigator Award	Swirski	Filip	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Colony-stimulating Factors in Cardiovascular Disease	1/1/2017	12/31/2021	\$ 400,000	5
Career Development Award	Allegretti	Andrew	MD, MSc	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Vascular Activation in Hepatorenal Syndrome	7/1/2018	6/30/2021	\$ 231,000	3
PROJECT Strategically Focused Atrial Fibrillation Research Network	Ellinor	Patrick	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Genomics and Epigenetics of Atrial Fibrillation	7/1/2018	6/30/2022	\$ 1,003,732	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Lubitz	Steven		Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Precision Medicine in Ischemic Stroke and Atrial Fibrillation (PreMISe-AF)	7/1/2018	6/30/2022	\$ 1,016,576	4
Transformational Project Award	Malhotra	Rajeev	MD, MS	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	A Novel Regulatory Pathway in Vascular Smooth Muscle Phenotypic Transition and Calcification	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Wasfy	Jason	MD, MS	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Effects of Medicaid Expansion on Process and Outcome Measures for Patients with Heart Disease	7/1/2018	6/30/2021	\$ 231,000	3
Postdoctoral Fellowship	Chan	Christopher	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Cardiovascular risk factors impair T cell development and thymic function	1/1/2019	2/28/2021	\$ 106,532	2
Career Development Award	Gonzalez-rosa	Juan Manuel	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Exploring the role of Hippo signaling and elevated cardiomyocyte ploidy as barriers for zebrafish heart regeneration	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Hulsmans	Maarten	MSc, PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Macrophage-Mediated Electrical and Structural Remodeling after Myocardial Infarction	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Juttukonda	Meher	Ph.D.	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Microvascular hemodynamics of small vessel disease in vascular dementia	6/1/2019	5/31/2022	\$ 231,000	3
Transformational Project Award	Ayata	Cenk	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Microfluidic capture of ultra-rare circulating brain endothelial cells using blood biopsy.	7/1/2019	6/30/2022	\$ 299,610	3
Transformational Project Award	Elmariah	Sammy	MD, MPH	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Left Ventricular Metabolic Remodeling in the Pressure Overloaded Heart	7/1/2019	6/30/2022	\$ 300,000	3



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AHA AMFDP Scholar	Guseh	James		Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Evaluation of functional microRNA regulators of cardiac regression and atrophy	7/1/2019	6/30/2023	\$ 420,000	4
Collaborative Sciences Award	Hochberg	Leigh	MD, PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Intracortical control of soft robotics for restoration of hand function after stroke	7/1/2019	6/30/2022	\$ 375,708	3
Transformational Project Award	Lu	Hua	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Novel regulatory mechanism that contributes to hyponatremia	7/1/2019	6/30/2022	\$ 300,000	3
AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML	Wu	Ona	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Automated detection of severe brain edema development in cardiac arrest survivors	12/1/2019	11/30/2021	\$ 199,866	2
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Das	Saumya	MD, PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Adipose-derived regulators of inter-organ communication in type II diabetes mellitus and cardiometabolic disease	1/1/2020	12/31/2023	\$ 954,732	4
Postdoctoral Fellowship CHF	Patel	Parth	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	ACHIEVING TOLERANCE IN NHP HEART TRANSPLANT RECIPIENTS WITH DONOR EXOSOMES	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Schoemaker	Dorothee	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Charting blood-biomarkers for cerebral small vessel diseases: insights from CADASIL	1/1/2020	12/31/2021	\$ 131,356	2
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Shah	Ravi	BA, MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Molecular signatures of dysfunctional adiposity and cardiometabolic disease in young adulthood: the CARDIA study	1/1/2020	12/31/2023	\$ 954,732	4
AHA AMFDP Scholar	Toribio	Mabel	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Metabolic and Cardiovascular Effects of Gender-Affirming Hormonal Therapy among Transgender Women with HIV	1/1/2020	12/31/2023	\$ 420,000	4
Covid-19 Rapid Response	Lu	Michael	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Deep Learning Using Chest Radiographs to Predict COVID-19 Cardiopulmonary Risk	6/1/2020	5/31/2021	\$ 100,000	1
Strategic Collaborative Grant	Ellinor	Patrick	MD, PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	High Resolution Transcriptomics of the Human Pulmonary Vein	7/1/2020	6/30/2022	\$ 166,253	2
Strategic Renewal Grant	Kimberly	William	BA, MD PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Portable Magnetic Resonance Imaging for Acute Stroke	7/1/2020	6/30/2022	\$ 133,964	2
Strategic Renewal Grant	Rosen	Matthew	BS, PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Portable Magnetic Resonance Imaging for Acute Stroke	7/1/2020	6/30/2022	\$ 79,199	2



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Career Development Award	Xiao	Ling		Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Mechanisms of Drug Induced Atrial Fibrillation	7/1/2020	6/30/2023	\$ 230,988	3
Project Bugher Foundation Hemorrhagic Stroke	ANDERSON	Christopher	MD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Precision Clinical and Genetic Tools for Brain Health in Hemorrhagic Stroke	1/1/2021	12/31/2024	\$ 455,756	4
Innovative Project Award	Bagchi	Aranya	MBBS	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Using Electrical Impedance Tomography to Study Pulmonary Vascular Distensibility in Patients with Heart Failure	1/1/2021	12/31/2022	\$ 200,000	2
Innovative Project Award	Biffi	Alessandro		Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Leveraging Retinal OCT Imaging to Develop Novel Biomarkers for Cerebral Small Vessel Disease	1/1/2021	12/31/2022	\$ 199,996	2
Project Bugher Foundation Hemorrhagic Stroke	Biffi	Alessandro		Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Race / Ethnicity and Control of Hypertension after Intracerebral Hemorrhage	1/1/2021	12/31/2024	\$ 720,269	4
Career Development Award	Li	Haobo	PhD	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Long Noncoding RNA IncExACT1 in Cardiac Response to Exercise	1/1/2021	12/31/2023	\$ 231,000	3
Center Bugher Foundation Hemorrhagic Stroke	Rosand	Jonathan	M.D.	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	American Stroke Association-Bugher Foundation Center for Excellence in Brain Health for Hemorrhagic Stroke	1/1/2021	12/31/2024	\$ 679,096	4
Project Bugher Foundation Hemorrhagic Stroke	van Veluw	Susanne	Ph.D.	Massachusetts General Hospital (The General Hospital Corp.)	Boston	MA	Mechanisms of Hemorrhagic Stroke after Superficial Siderosis	1/1/2021	12/31/2024	\$ 625,205	4
Career Development Award	Seligowski	Antonia	PhD	McLean Hospital (The McLean Hospital Corp.)	Belmont	MA	Cardiovascular physiology and the renin-angiotensin system in trauma-exposed women	7/1/2020	6/30/2023	\$ 229,932	3
Innovative Project Award	Dai	Guohao		Northeastern University	Boston	MA	Bioengineer autonomic neurovascular system to explore the innervation of vascular grafts	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Grath	Alexander	BS	Northeastern University	Boston	MA	Directly Reprogramming Human Adult Dermal Fibroblasts into Functional Endothelial Cells	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Menon	Archita Venugopal		Northeastern University	Boston	MA	Reversal of doxorubicin-induced cardiac dysfunction by hinokitiol, a novel mitochondrial iron exporter	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Penumatsa	Krishna	MS, PhD	Tufts Medical Center	Boston	MA	Role of Transglutaminase 2 in Inflammation and Glycolysis Mediated Pulmonary Hypertension	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Wallingford	Mary	PhD	Tufts Medical Center	Boston	MA	Evaluation of the Biomedical Significance and Prognostic Value of Calcification in the Placenta	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Fritz	Daniel	BS	Tufts University	Boston	MA	Investigating how dematin regulates platelet activation and calcium mobilization using genetic mouse models	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Miller	Victoria	BSC, PhD	Tufts University	Boston	MA	Defining a healthy diet globally: novel methods to assess and reduce the burden of cardiometabolic disease	1/1/2020	12/31/2021	\$ 128,836	2



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Transformational Project Award	Black	Lauren	PhD	Tufts University, Medford	Medford	MA	Peptides derived from early developmental age cardiac extracellular matrix to improve cardiac healing post-injury	1/1/2021	12/31/2023	\$ 300,000	3
AHA Institutional Research Enhancement Award	Yan	Huimin	PhD	University of Massachusetts Boston	Boston	MA	Effect of Exercise Training on Microvascular Function and Sympathetic Reactivity in African American and Caucasian Woman	7/1/2019	6/30/2021	\$ 154,000	2
AHA Institutional Research Enhancement Award	Torok	Bela	BS	University of Massachusetts Boston	Boston	MA	Alleviation of Mitochondrial Oxidative Stress in Preeclampsia	1/1/2020	12/31/2021	\$ 154,000	2
Transformational Project Award	Camci-unal	Gulden	PhD	University of Massachusetts Lowell	Lowell	MA	Novel Pre-Vascularized Scaffolds for Personalized Myocardial Repair	7/1/2019	6/30/2022	\$ 299,999	3
Predoctoral Fellowship	Sundar	Sailavanyaa	MS	University of Massachusetts Lowell	Lowell	MA	Biophysical characterization of cardiomyopathy-linked mutations in the tropomyosin overlap domain	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Bazzone	Lindsey	BS, MD PhD	University of Massachusetts Medical School	Worcester	MA	The Role of ADAM9 in the Immunopathogenesis of Viral Myocarditis	7/1/2018	6/30/2021	\$ 114,368	3
Career Development Award	Han	Myoung Sook	PhD	University of Massachusetts Medical School	Worcester	MA	Mechanism of Adipose Tissue by Metabolic Stress Signaling	4/1/2019	3/31/2022	\$ 231,000	3
Covid-19 Rapid Response	Freedman	Jane	MD	University of Massachusetts Medical School	Worcester	MA	The Role of the Platelet in Mediating Cardiovascular Disease in SARS-CoV-2 Infection	6/1/2020	5/31/2021	\$ 100,000	1
Transformational Project Award	Page	David	M.D.	Whitehead Institute for Biomedical Research	Cambridge	MA	Understanding the Mechanisms of Male Bias in Cardiac Diseases ' A Lesson from the Healthy Heart	7/1/2019	6/30/2022	\$ 300,000	3
AHA Institutional Research Enhancement Award	Billiar	Kristen	PhD	Worcester Polytechnic Institute	Worcester	MA	The role of mechanically induced apoptosis in calcific aortic of heart valve disease	1/1/2020	12/31/2021	\$ 154,000	2
Predoctoral Fellowship	Rossi	Cristina	ME	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.	Baltimore	MD	Effect of somatosensory deficits on the rehabilitation of walking function post-stroke.	1/1/2020	12/31/2021	\$ 62,032	2
Strategically Focused PROJECT Go Red For Women Research Network	Kass	David	MD	Johns Hopkins University	Baltimore	MD	Female sex-hormones and cyclic GMP-PKG Modulation of Cardiac Disease and Metabolism	4/1/2016	3/31/2020	\$ 1,130,800	4
Strategically Focused PROJECT Obesity Research Network	Ahima	Rexford	MD	Johns Hopkins University	Baltimore	MD	Metabolic and Cardiovascular Effects of Time-Restricted Feeding in Obese Mice	4/1/2017	3/31/2021	\$ 669,341	4
Strategically Focused PROJECT Obesity Research Network	Bennett	Wendy	MD, MPH	Johns Hopkins University	Baltimore	MD	The impact of timing of eating on weight: A Multi-site Cohort Study using The Metabolic Compass Mobile Application	4/1/2017	3/31/2021	\$ 1,033,330	4
Strategically Focused CENTER Obesity Research Network	Clark	Jeanne		Johns Hopkins University	Baltimore	MD	The role of time-restricted feeding on obesity and cardiometabolic health	4/1/2017	3/31/2021	\$ 668,741	4



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Strategically Focused PROJECT Obesity Research Network	Maruthur	Nisa	MD	Johns Hopkins University	Baltimore	MD	The Effect of Time-Restricted, Isocaloric Feeding on Weight: A Randomized Feeding Study in Obese Adults	4/1/2017	3/31/2021	\$ 1,337,788	4
Institute - AI and ML	Saria	Suchi	MSc	Johns Hopkins University	Baltimore	MD	Real-Time Prediction of Cardiogenic Shock in Acute Decompensated Heart Failure Using Machine Learning	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Leucker	Thorsten	MD PhD	Johns Hopkins University	Baltimore	MD	The relationships among PCSK9, perivascular fat inflammation, and coronary and carotid disease in HIV+ individuals	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Hunt	Elizabeth	MD PhD, MPH	Johns Hopkins University	Baltimore	MD	Development of a Large Screen Integrated Data Display to Facilitate Pediatric Cardiac Arrest Management	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Murphy	Sean	BS	Johns Hopkins University	Baltimore	MD	The use of small molecule activation of PPAR/PGC1a to promote pluripotent stem cell-derived cardiomyocyte maturation	7/1/2019	6/30/2021	\$ 53,688	2
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Ahima	Rexford	MD	Johns Hopkins University	Baltimore	MD	Divergent roles of resistin and adiponectin in diabetic cardiomyopathy	1/1/2020	12/31/2023	\$ 979,384	4
CENTER Cardiometabolic Health with Focus on Diabetes (Cardiometabolic Health Network)	Ndumele	Chiadi	MD PhD, MHSc	Johns Hopkins University	Baltimore	MD	The Importance of Adipokines in Mediating the Relationship of Obesity with Cardiometabolic Disease: Implications for HF	1/1/2020	12/31/2023	\$ 582,999	4
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Ndumele	Chiadi	MD PhD, MHSc	Johns Hopkins University	Baltimore	MD	Adipokines, Metabolic Risk Progression and mechanisms of HF	1/1/2020	12/31/2023	\$ 1,882,617	4
Strategically Focused CENTER Go Red For Women Research Network	Ouyang	Pamela	MBBS	Johns Hopkins University-School of Medicine	Baltimore	MD	Heart Failure with Preserved EF: Female sex-hormones and cyclic GMP-PKG Modulation of Cardiac Disease and Metabolism	4/1/2016	3/31/2020	\$ 682,004	4
Strategically Focused PROJECT Go Red For Women Research Network	Post	Wendy		Johns Hopkins University-School of Medicine	Baltimore	MD	Sex Differences in Hormonal and Cyclic GMP Dependent Pathways to Heart Failure with Preserved Ejection Fraction	4/1/2016	3/31/2020	\$ 812,764	4
Scientist Development Grant	Schar	Michael	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Improving Noninvasive Coronary Endothelial Function Measures for Greater Research Impact and towards Clinical Use	7/1/2017	6/30/2020	\$ 231,000	3
Established Investigator Award	Kwon	Chulan		Johns Hopkins University-School of Medicine	Baltimore	MD	Understanding the Biology of Cardiac Progenitors and Myocytes	1/1/2018	12/31/2022	\$ 399,995	5



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Transformational Project Award	Agnetti	Giulio	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Novel Mechanisms and Therapies for Proteopathic Heart Failure	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Bahouth	Mona	MSN, MD	Johns Hopkins University-School of Medicine	Baltimore	MD	Dehydration and early stroke outcome	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Bahouth	Mona	MSN, MD	Johns Hopkins University-School of Medicine	Baltimore	MD	Hydration is vital: Understanding the neuro-consequences of dehydration after stroke	7/1/2018	6/30/2020	\$ 198,590	2
Transformational Project Award	Foster	D	B.Sc., M.Sc., Ph.D.	Johns Hopkins University-School of Medicine	Baltimore	MD	Preserving Cardiac Retinoic Acid Homeostasis as a Therapeutic Approach to Heart Failure	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Marsh	Elisabeth	MD	Johns Hopkins University-School of Medicine	Baltimore	MD	Imaging the Network: Using MEG to Understand the Pathophysiology of Cognitive Deficits After Minor Stroke	7/1/2018	6/30/2020	\$ 200,000	2
Strategic Collaborative Grant	Mathews	Lena	MD, MHS	Johns Hopkins University-School of Medicine	Baltimore	MD	Timing of Sleep and of Food Intake in Obese Patients with HFpEF	7/1/2018	6/30/2020	\$ 13,608	2
Career Development Award	Ranek	Mark	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	PKG Phosphorylates Chip to Enhance Cardiac Protein Quality Control and Function	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Andersen	Peter	Ph.D	Johns Hopkins University-School of Medicine	Baltimore	MD	A mechanistic exploration of heart field specification in cardiac organoids	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Fleury Curado	Thomaz	MD PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Chemogenetic Approach to Treat Obstructive Sleep Apnea	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Lan	Xi	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	The double-edged role of soluble epoxide hydrolase after intracerebral hemorrhage	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Shin	Mi-Kyung	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Mechanisms of leptin-induced hypertension	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Tampakakis	Emmanouil	MD	Johns Hopkins University-School of Medicine	Baltimore	MD	Engineering a power switch to study the contribution of stem cell-derived cardiomyocytes on heart regeneration	4/1/2019	3/31/2022	\$ 231,000	3
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Arking	Dan	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Genomics of Sudden Cardiac Arrest Risk among Men and Women	7/1/2019	6/30/2023	\$ 1,140,596	4
Transformational Project Award	Cihakova	Daniela	MD, PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Regulatory role of pericardial macrophages in myocardial infarction	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Deb Roy	Abhijit	Ph.D.	Johns Hopkins University-School of Medicine	Baltimore	MD	Developing new tools to examine how tensile forces regulate cell signaling and behaviour.	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Gu	Chenjuan	MD PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Effect of dinner timing on nocturnal glucose and lipid metabolism	1/1/2020	12/31/2021	\$ 135,352	2
Predoctoral Fellowship	Kannan	Suraj		Johns Hopkins University-School of Medicine	Baltimore	MD	Canonical Wnt-Dependent Instructive Role for the First Heart Field in Second Heart Field Specification	1/1/2020	12/31/2021	\$ 62,032	2



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Postdoctoral Fellowship	Lin	Brian	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	TRPC6 inhibition as a novel therapeutic strategy for heart failure in Duchenne muscular dystrophy	1/1/2020	12/31/2021	\$ 135,352	2
Predoctoral Fellowship	Wang	Huilei	BS	Johns Hopkins University-School of Medicine	Baltimore	MD	Characterizing the role of lysyl oxidase like-2 in vascular stiffening.	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Yang	Junhua	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Acid-sensing mechanism of the novel proton-activated chloride channel and its role in ischemic stroke	1/1/2020	12/31/2021	\$ 135,352	2
CENTER Health Technologies and Innovation Network	Martin	Seth	M.D.	Johns Hopkins University-School of Medicine	Baltimore	MD	Center for Mobile Technologies to Reduce Disparities in Cardiovascular Health	4/1/2020	3/31/2024	\$ 646,215	4
PROJECT Health Technologies and Innovation Network	Martin	Seth	M.D.	Johns Hopkins University-School of Medicine	Baltimore	MD	Advancing Mobile Technologies to Reduce Disparities in Cardiovascular Health	4/1/2020	3/31/2024	\$ 1,853,785	4
Covid-19 Rapid Response	Cihakova	Daniela	MD, PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	PATHOGENESIS OF CARDIAC INFLAMMATION DURING COVID-19 INFECTION	6/1/2020	5/31/2021	\$ 100,000	1
Covid-19 Rapid Response	Martin	Seth	M.D.	Johns Hopkins University-School of Medicine	Baltimore	MD	In-Home Diagnostic Triage via Smartphone Video Virtual Check-In for Potential Stroke Symptoms During the COVID-19 Pandem	6/1/2020	5/31/2021	\$ 200,000	1
Strategic Renewal Grant	Kass	David	MD	Johns Hopkins University-School of Medicine	Baltimore	MD	Cardiac Sarcomere Dysfunction in HFpEF	7/1/2020	6/30/2022	\$ 294,841	2
Career Development Award	Muller	Grace	BA, PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Compartmentalized signaling of phosphodiesterase type 1C (PDE1C) in the heart	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Cihakova	Daniela	MD, PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Detection and suppression of myosin-specific T cells in myocarditis	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Flavahan	Nicholas	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Mechanisms Underlying Cold-Induced Vasoconstriction in Raynaud's Phenomenon	1/1/2021	12/31/2023	\$ 300,000	3
Innovative Project Award	Heo	Hye Young	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Acidosis Ischemic Penumbra Imaging using Simultaneous PET-MRI	1/1/2021	12/31/2022	\$ 200,000	2
Transformational Project Award	Ranek	Mark	PhD	Johns Hopkins University-School of Medicine	Baltimore	MD	Protein kinase G regulates chaperone mediated autophagy in the heart	1/1/2021	12/31/2023	\$ 300,000	3
Scientist Development Grant	Li	Deqiang	MD, PhD	University of Maryland, Baltimore	Baltimore	MD	Assessment and promotion of postnatal mammalian cardiomyocyte proliferation	7/1/2017	6/30/2020	\$ 231,000	3
Scientist Development Grant	Longden	Thomas	BSC, PhD	University of Maryland, Baltimore	Baltimore	MD	Vascular signaling plasticity in the brain	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Sharma	Sudhish	PhD	University of Maryland, Baltimore	Baltimore	MD	Characterization of the Cardiac Progenitor Cell derived Exosomes for Optimal Therapeutics	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Zhang	Li	PhD	University of Maryland, Baltimore	Baltimore	MD	A novel radiation-resistant CD11b-expressing leukocyte population with atheroprotective activities	7/1/2018	6/30/2021	\$ 300,000	3



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Career Development Award	PARKER	Elizabeth	PhD, RD	University of Maryland, Baltimore	Baltimore	MD	Evaluation of teacher-level behaviors within an existing school-based childhood obesity prevention intervention	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Xu	Huichun	MD, PhD	University of Maryland, Baltimore	Baltimore	MD	Resistive Training and Functional Genetic Mechanisms of Skeletal Muscle Recovery Post-stroke	4/1/2019	3/31/2022	\$ 230,775	3
Transformational Project Award	Doran	Kelly	PhD	University of Maryland, Baltimore	Baltimore	MD	WHHIP-PLUS	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Longden	Thomas	BSC, PhD	University of Maryland, Baltimore	Baltimore	MD	Blood Flow in Learning and Memory	7/1/2019	6/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Bamgboye	Moradeke	BSC, PhD	University of Maryland, Baltimore	Baltimore	MD	Probing the Pathogenic Mechanisms Underlying Long-QT type 8	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Trude	Angela	PhD	University of Maryland, Baltimore	Baltimore	MD	Waking Up to Sleep's Role in Weight Gain and Blood Pressure among Low-Income Adolescent Girls	1/1/2020	12/31/2021	\$ 131,356	2
Transformational Project Award	Li	Deqiang	MD, PhD	University of Maryland, Baltimore	Baltimore	MD	Hdac7 enhances adult heart repair	1/1/2021	12/31/2023	\$ 299,976	3
Innovative Project Award	HAHN	Jin-oh	PhD	University of Maryland-College Park	College Park	MD	Ultra-Convenient Cardiovascular Risk Predictors Measurement Based on the Ballistocardiogram	7/1/2018	6/30/2020	\$ 200,000	2
Institutional Award for Undergraduate Student Training	Liaw	Lucy	Ph.D.	MaineHealth d/b/a Maine Medical Center	Portland	ME	Enhancing the diversity of college student research interns at Maine Medical Center	4/1/2018	3/31/2022	\$ 60,000	4
Transformational Project Award	Liaw	Lucy	Ph.D.	MaineHealth d/b/a Maine Medical Center	Portland	ME	Novel Vascular Protective Mechanisms in Dietary-Associated Extension of Healthspan	7/1/2019	6/30/2022	\$ 300,000	3
Collaborative Sciences Award	Harrison	David	PhD	The Jackson Laboratory	Bar Harbor	ME	Neurovascular interactions in adipose tissue and effects on cardiometabolic health	7/1/2018	6/30/2021	\$ 1	3
Collaborative Sciences Award	Townsend	Kristy	PhD	University of Maine	Orono	ME	Neurovascular interactions in adipose tissue and effects on cardiometabolic health	7/1/2018	6/30/2021	\$ 749,999	3
AHA Institutional Research Enhancement Award	Rossignol	Julien		Central Michigan University	Mount Pleasant	MI	A novel dendrimer-based delivery platform for endogenous brain repair after stroke	4/1/2018	3/31/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Rosca	Georgeta	MD	Central Michigan University	Mount Pleasant	MI	Mitochondrial NADH/NAD+ redox ratio in high fat diet-induced cardiac disease	7/1/2018	6/30/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Burnatowska-hle	Maria	BSC, PhD	Hope College	Holland	MI	Regulation of VACM-1/CUL5 signaling in the endothelium by a novel peptide ligand.	7/1/2019	6/30/2021	\$ 154,000	2
Transformational Project Award	Smith	Bryan	Ph.D.	Michigan State University	East Lansing	MI	Macrophage-Selective Nanotherapy for Atherosclerosis	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Aguirre	Aitor	Ph.D.	Michigan State University	East Lansing	MI	An artificial biological pump for failing Fontan circulation	7/1/2019	6/30/2021	\$ 199,837	2
Transformational Project Award	Watts	Stephanie		Michigan State University	East Lansing	MI	Chemerin Knockdown as a treatment for obesity-associated Hypertension	7/1/2019	6/30/2022	\$ 299,997	3
Scientist Development Grant	Pour Shahid Saeed Ab	Parisa	PhD	Michigan Technological University	Houghton	MI	3D printed nano-bioactuators and their application in navigation of endovascular catheters	7/1/2017	6/30/2020	\$ 231,000	3



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Innovative Project Award	Wu	Colin	BS, PhD	Oakland University	Rochester	MI	Amyloid disease of the heart: mechanism and treatment	7/1/2018	6/30/2020	\$ 161,942	2
Institutional Award for Undergraduate Student Training	Westrick	Randal	BS, PhD	Oakland University	Rochester	MI	AHA-Oakland University Summer Undergraduate Research Program	1/1/2019	12/31/2021	\$ 60,000	3
AHA Institutional Research Enhancement Award	Wu	Colin	BS, PhD	Oakland University	Rochester	MI	Predicting the cardiovascular risks of BRCA1 mutations	7/1/2019	6/30/2021	\$ 154,000	2
Covid-19 Rapid Response	Shah	Nirav	MD	The Regents of the University of Michigan	Ann Arbor	MI	COVID-19 Health Evaluation & Cardiovascular Complications (CHECC) Study	6/1/2020	5/31/2021	\$ 200,000	1
Innovative Project Award	Lumeng	Carey	MD	The Regents of the University of Michigan	Ann Arbor	MI	Clonal hematopoiesis of indeterminate potential (CHIP) in adipose tissue	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Gaji	Rajshekhar	PhD	University of Michigan	Ann Arbor	MI	Mechanistic function of a unique plant like nuclear kinase in molecular pathogenesis of Toxoplasma gondii	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Osborne	Nicholas	MD, MS	University of Michigan	Ann Arbor	MI	Understanding Real-World Outcomes of Endovascular Treatment of Claudication	7/1/2018	6/30/2021	\$ 231,000	3
AHA Institutional Research Enhancement Award	Kanapathipillai	Mathumai	Ph.D.	University of Michigan	Ann Arbor	MI	Novel nanodepots to target ischemic stroke with minimal hemorrhagic risk	1/1/2019	12/31/2020	\$ 151,140	2
Transformational Project Award	Eniola-adeieso	Lola	BSE, PhD	University of Michigan	Ann Arbor	MI	Nanoparticle-loaded Microparticles for Enhanced Delivery of Anti-CD47 Therapy in CAD	7/1/2019	6/30/2022	\$ 300,000	3
AHA/Amazon Web Services 3.0 Data Grant Portfolio - AI and ML	Figueroa	C Alberto	Ph.D.	University of Michigan	Ann Arbor	MI	A Cloud-computing Machine Learning and Computational Fluid Dynamics Framework for Assessment of Coronary Disease	7/1/2019	6/30/2021	\$ 200,000	2
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Friedman	Charles		University of Michigan	Ann Arbor	MI	Optimizing Bystander and First Responder Time to Treatment in Out-of-Hospital Cardiac Arrest	7/1/2019	6/30/2023	\$ 795,355	4
AHA/Amazon Web Services 3.0 Data Grant Portfolio - AI and ML Training Grant	Li	Hongyang	BA	University of Michigan	Ann Arbor	MI	Predicting cardiovascular risk from sleep patterns using deep learning	7/1/2019	6/30/2021	\$ 100,000	2
Transformational Project Award	Lumeng	Julie	MD	University of Michigan	Ann Arbor	MI	The Development of Reward Response to Food in Very Early Childhood	7/1/2019	6/30/2022	\$ 300,000	3
CENTER Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Neumar	Robert	MD, PhD	University of Michigan	Ann Arbor	MI	Michigan Resuscitation Innovation and Science Enterprise (M-RISE)	7/1/2019	6/30/2023	\$ 645,247	4



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PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	SANDERSON	Thomas	BS, PhD	University of Michigan	Ann Arbor	MI	Early Neuroprotective Therapies for Out-of-Hospital Cardiac Arrest	7/1/2019	6/30/2023	\$ 1,581,393	4
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Silbergleit	Robert	MD	University of Michigan	Ann Arbor	MI	Bystander and First Responders Clinical Trials for Early Neuroprotective Therapies in Out-of-Hospital Cardiac Arrest	7/1/2019	6/30/2023	\$ 687,205	4
Predoctoral Fellowship	Birkle	Fabienne	BS, MS	University of Michigan	Ann Arbor	MI	Substrate selection by the tissue factor - factor VIIa complex	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Javed	Fatima		University of Michigan	Ann Arbor	MI	Regulation of cytosolic phospholipase A2a during leukotriene B4 production in neutrophils	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Korada	Venkata		University of Michigan	Ann Arbor	MI	Elucidating the Effects of Oligomer formation on Membrane-bound Cytochrome P450 on drug metabolism.	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Li	Yuan	BS, PhD	University of Michigan	Ann Arbor	MI	Regulation of body weight, energy expenditure, and nutrient metabolism by YTHDC1 in POMC neural circuits	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Mei	Ling	PhD	University of Michigan	Ann Arbor	MI	Synthetic high-density lipoprotein mediated delivery of bioactive lipids for the treatment of cardiovascular disease	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Nama	Nitesh	MS, PhD	University of Michigan	Ann Arbor	MI	Identification of hemodynamic risk factors for aortic dissection using computational modeling and multi-modality imaging	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Tang	Vi	BS	University of Michigan	Ann Arbor	MI	The roles of SURF4 in cholesterol homeostasis and cargo transport	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Zhao	Guizhen	PhD	University of Michigan	Ann Arbor	MI	The role of Krüppel Like Factor 11 in abdominal aortic aneurysm	1/1/2020	12/31/2021	\$ 128,836	2
CENTER Health Technologies and Innovation Network	Nallamothu	Brahmajee	MD, MPH	University of Michigan	Ann Arbor	MI	Wearables In Reducing Risk and Enhancing Daily Life-style (WIRED-L)	4/1/2020	3/31/2024	\$ 580,800	4
PROJECT Health Technologies and Innovation Network	SKOLARUS	Lesli	MD, MS	University of Michigan	Ann Arbor	MI	Wearables In Reducing risk and Enhancing Daily Life-style (WIRED-L) Project	4/1/2020	3/31/2024	\$ 1,919,200	4
Postdoctoral Fellowship	Bowers	Emily		University of Michigan	Ann Arbor	MI	Chronic high fat diet promotes HSC-skewed myelopoiesis through neutrophil-mediated BM niche regulation	7/1/2020	6/30/2022	\$ 128,836	2
Career Development Award	Ponce-Balbuena	Daniela	MSc, PhD	University of Michigan	Ann Arbor	MI	Cellular stress induces cardiac Nav1.5 ion channel dysfunction and arrhythmia in aged hearts	7/1/2020	6/30/2023	\$ 231,000	3
Predoctoral Fellowship	Young	Kelly		University of Michigan	Ann Arbor	MI	Identifying the Role of a Pathological Protein Conformation in CADASIL	7/1/2020	6/30/2022	\$ 62,032	2



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Career Development Award	Rege	Juilee		University of Michigan	Ann Arbor	MI	Novel Genetic Causes of Endocrine Hypertension	1/1/2021	12/31/2023	\$ 231,000	3
Fellow-to-Faculty Transition Award	Pesch	Megan	MSc, MD	University of Michigan Medical Center	Ann Arbor	MI	Harsh Maternal Restrictive Feeding Practices and Obesity in Early Childhood	7/1/2017	10/30/2022	\$ 593,000	5
Transformational Project Award	Lawrence	Daniel	Ph.D.	University of Michigan Medical Center	Ann Arbor	MI	The effects of the comorbidity of obesity on ischemic stroke and identification of a novel treatment strategy	7/1/2019	6/30/2022	\$ 300,000	3
Institutional Award for Undergraduate Student Training	Michele	Daniel	Ph.D.	University of Michigan Medical Center	Ann Arbor	MI	American Heart Association Frankel Cardiovascular Center Summer Undergraduate Fellowship Program	1/1/2020	12/31/2022	\$ 60,000	3
Predoctoral Fellowship	Wang	Huilun	MD	University of Michigan Medical Center	Ann Arbor	MI	The role of myeloid Krüppel-like factor 14 in the development of abdominal aortic aneurysm	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Ruan	Zheng	PhD	Van Andel Research Institute	Grand Rapids	MI	Structural and functional investigation of the pannexin 1 (PANX1) ATP release channel	1/1/2020	12/31/2021	\$ 128,836	2
Transformational Project Award	Chung	Charles	PhD	Wayne State University	Detroit	MI	Mechanism and Diagnosis of Diastolic Dysfunction (and HFpEF) via Strain Rate-Dependent Impaired Relaxation	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Ibrahim	Ahmed	MSc, PhD	Wayne State University	Detroit	MI	Dissecting and Targeting Deregulated Endothelial Metabolism in Diabetes-Induced Microvasculopathy	7/1/2018	6/30/2021	\$ 231,000	3
Predoctoral Fellowship	Damschroder	Deena	BA	Wayne State University	Detroit	MI	Nicotinamide riboside rescues the exercise capacity of a Drosophila model of Barth syndrome	6/1/2019	6/30/2021	\$ 53,688	2
Predoctoral Fellowship	Liang	Zhuqing	BS	Wayne State University	Detroit	MI	Frataxin deficiency in cardiolipin-deficient cells leads to defective Fe-S biogenesis	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Kalpage	Hasini	BA	Wayne State University	Detroit	MI	S47 phosphorylation of Cytochrome c in the brain and its signaling mechanisms in ischemia/reperfusion injury	7/1/2020	6/30/2021	\$ 31,016	1
PROJECT Strategically Focused PCORI-AHA DECIDE Research Network	Montori	Victor	MD, MSc	MAYO CLINIC, ROCHESTER, MN	Rochester	MN	Scan & Optimization of Decision Aids for Atrial Fibrillation (SODA-AF)	7/1/2018	6/30/2022	\$ 376,686	4
AHA AMFDP Scholar	Brewer	Laprincess	MD, MPH	MAYO CLINIC, ROCHESTER, MN	Rochester	MN	The FAITH! Trial: A mHealth Intervention to Improve Cardiovascular Health Among African-Americans	7/1/2019	6/30/2023	\$ 420,000	4
Postdoctoral Fellowship	Aravamudhan	Aja		MAYO CLINIC, ROCHESTER, MN	Rochester	MN	Targeting YAP/TAZ through non-canonical IK-B kinases for pulmonary hypertension	1/1/2020	12/31/2021	\$ 131,356	2
Covid-19 Rapid Response	Odeyemi	Yewande		MAYO CLINIC, ROCHESTER, MN	Rochester	MN	CARDIOVASCULAR OUTCOMES & BIOMARKER TITRATED CORTICOSTEROID DOSING FOR SARS CoV-2 (COVID-19): RANDOMIZED CONTROLLED TRIAL	6/1/2020	5/31/2021	\$ 100,000	1
Postdoctoral Fellowship	Bartman	Colleen	BS, PhD	MAYO CLINIC, ROCHESTER, MN	Rochester	MN	Clocks, Oxygen, and Neonatal Airway Disease	7/1/2020	6/30/2022	\$ 128,836	2



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Scientist Development Grant	Zimmer	Sara	BS, PhD	University of Minnesota, Minneapolis	Minneapolis	MN	Life stage specific regulation of mitochondrial gene expression in Trypanosoma cruzi	7/1/2016	6/30/2020	\$ 308,000	4
Career Development Award	Jhun	Bong Sook	Ph.D.	University of Minnesota, Minneapolis	Minneapolis	MN	Role of PKD in right ventricular dysfunction during pulmonary arterial hypertension	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Kim	Nam Chul	Ph.D	University of Minnesota, Minneapolis	Minneapolis	MN	Liquid-liquid phase separation in mitochondria	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Demirel	Omer	BSC	University of Minnesota, Minneapolis	Minneapolis	MN	Rapid High Resolution Whole Heart Perfusion MRI for Evaluation of Coronary Artery Disease	1/1/2020	12/31/2021	\$ 62,032	2
Institutional Award for Undergraduate Student Training	Kyba	Michael	PhD	University of Minnesota, Minneapolis	Minneapolis	MN	Lillehei Heart Institute AHA Summer Scholars Program	1/1/2020	12/31/2023	\$ 60,000	4
Predoctoral Fellowship	Walker	Caitlin	BS	University of Minnesota, Minneapolis	Minneapolis	MN	Structural and functional role of protein kinase A in the development of cardiac myxomas	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Bidwell	Philip	PhD	University of Minnesota, Minneapolis	Minneapolis	MN	Novel SERCA Regulatory Mechanisms	9/1/2020	8/31/2023	\$ 231,000	3
Career Development Award	Forsha	Daniel	BA, MD	Children's Mercy Hospitals and Clinics	Kansas City	MO	Cardiovascular Changes with Weight Loss in Obese Adolescents with Intellectual and Developmental Disabilities	7/1/2018	10/31/2021	\$ 230,570	3
Postdoctoral Fellowship	Coll-bonfill	Nuria		Saint Louis University	St. Louis	MO	Role of STAT1 in the loss of progeria Vascular Smooth Muscle Cells	1/1/2020	12/31/2021	\$ 135,352	2
Scientist Development Grant	Griffett	Kristine	Ph.D.	St. Louis College of Pharmacy	St. Louis	MO	Investigating the LXR-Acat2 Connection for the Treatment of Atherosclerosis	7/1/2017	6/30/2020	\$ 231,000	3
AHA Institutional Research Enhancement Award	Chu	Xiangping	MD PhD, MD	University of Missouri, Kansas City	Kansas City	MO	Brain ASIC2a-containing channels contribute to acute ischemic brain injury	1/1/2019	12/31/2020	\$ 154,000	2
Career Development Award	Kang	Xunlei		University of Missouri-Columbia	Columbia	MO	Role of SHP-1 in cardiac fibrosis	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Shi	Ning	Ph.D.	University of Missouri-Columbia	Columbia	MO	Olfactomedin 2 in development and progression of atherosclerosis	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Segal	Steven	PhD	University of Missouri-Columbia	Columbia	MO	Western diet-induced resilience of resistance arteries to oxidative stress	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Van Doren	Steven	Ph.D.	University of Missouri-Columbia	Columbia	MO	Quantifying Cardiac Motion Abnormalities on MR Exams using Principle Component Analysis	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Limberg	Jacqueline	MS	University of Missouri-Columbia	Columbia	MO	Sex differences in neurovascular control during hypoxia and impact of obesity	1/1/2021	12/31/2023	\$ 294,134	3
Innovative Project Award	Wang	David	PhD	Washington University in St.Louis	St. Louis	MO	The role of Astrovirus VA1 and other unrecognized viruses in idiopathic myocarditis	7/1/2018	6/30/2020	\$ 200,000	2
Transformational Project Award	Wang	David	PhD	Washington University in St.Louis	St. Louis	MO	Host factors critical for Coxsackievirus B3 infection: leveraging C. elegans genetics	7/1/2018	6/30/2021	\$ 300,000	3



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Career Development Award	Huebsch	Nathaniel	PhD	Washington University in St.Louis	St. Louis	MO	An iPSC-Based Model of Preload-Induced Pathology in Arrhythmogenic Cardiomyopathy	4/1/2019	3/31/2022	\$ 231,000	3
Collaborative Sciences Award	Cuculich	Phillip		Washington University in St.Louis	St. Louis	MO	EP-Guided Noninvasive Cardiac Radioablation for Ventricular Tachycardia (ENCORE-VT)	7/1/2019	6/30/2022	\$ 140,793	3
Innovative Project Award	Eghtesady	Pirooz	MD PhD	Washington University in St.Louis	St. Louis	MO	The Role of Maternal Virome in Development of Congenital Heart Diseases	7/1/2019	6/30/2021	\$ 200,000	2
Collaborative Sciences Award	Robinson	Clifford	BS, MD	Washington University in St.Louis	St. Louis	MO	EP-Guided Noninvasive Cardiac Radioablation for Ventricular Tachycardia (ENCORE-VT)	7/1/2019	6/30/2022	\$ 596,185	3
Transformational Project Award	Wagenseil	Jessica	Ph.D.	Washington University in St.Louis	St. Louis	MO	Extracellular matrix effects on biotransport in aortic disease	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Jackrel	Meredith	Ph.D.	Washington University in St.Louis	St. Louis	MO	Countering cardiac amyloidosis with engineered protein disaggregases	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Kefalogianni	Eirini	BSC, PhD	Washington University in St.Louis	St. Louis	MO	Roles of cellular and circulating TNFR1/2 in kidney disease	7/1/2020	6/30/2023	\$ 231,000	3
Scientist Development Grant	Suleiman	Hani		Washington University, School of Medicine	Saint Louis	MO	Super-resolution Imaging of the Contractile Apparatus of the Kidney Podocytes.	1/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Phuah	Chia-ling	MB BCH, MSc	Washington University, School of Medicine	Saint Louis	MO	Genetics of Cerebral Small Vessel Disease via Spatial Patterns of White Matter Hyperintensities	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	MCPHERSON	Jacob	MS, PhD	Washington University, School of Medicine	Saint Louis	MO	Restorative neuroplasticity in brainstem motor pathways to enhance rehabilitation post-stroke	7/1/2019	8/30/2021	\$ 199,998	2
Career Development Award	Albertson	Asher	MD PhD	Washington University, School of Medicine	Saint Louis	MO	Role of Axonal Sprouting in Local Circuit and Global Network Repair Following Stroke	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Landsness	Eric		Washington University, School of Medicine	Saint Louis	MO	Local slow wave sleep in repair and recovery after stroke	7/1/2020	6/30/2023	\$ 231,000	3
Collaborative Sciences Award	Greenberg	Michael	PhD	Washington University, School of Medicine	Saint Louis	MO	Interdisciplinary Structural Studies of Iron Homeostasis in Cardiovascular Health	1/1/2021	12/31/2023	\$ 199,099	3
Collaborative Sciences Award	Gross	Michael L.	PhD	Washington University, School of Medicine	Saint Louis	MO	Interdisciplinary Structural Studies of Iron Homeostasis in Cardiovascular Health	1/1/2021	12/31/2023	\$ 168,039	3
Collaborative Sciences Award	Li	Weikai	PhD	Washington University, School of Medicine	Saint Louis	MO	Interdisciplinary Structural Studies of Iron Homeostasis in Cardiovascular Health	1/1/2021	12/31/2023	\$ 382,862	3
Career Development Award	Johnson	Christopher		Mississippi State University	Mississippi State	MS	Modification of voltage gated sodium channels by calcium calmodulin	1/1/2021	12/31/2023	\$ 231,000	3
Career Development Award	Bloomekatz	Joshua	PhD	University of Mississippi	University	MS	Investigating the molecular basis of the endoderm's regulation of heart tube assembly	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Chade	Alejandro	Professor, MD, FAHA	University of Mississippi Medical Center	Jackson	MS	Selective renal targeting to counteract inflammation in chronic kidney disease via kidney-specific delivery technology	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Cunningham	Mark	MBA, PhD	University of Mississippi Medical Center	Jackson	MS	nflammation and Oxidative Stress in the Heart and Brain during Pregnancy and Postpartum Rats with Placental Ischemia	7/1/2018	6/30/2021	\$ 231,000	3



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Career Development Award	Amaral	Lorena	PhD, PharmD	University of Mississippi Medical Center	Jackson	MS	Benefits of progesterone: missing in action during preeclampsia	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	CLARK	Donald	MD, MPH	University of Mississippi Medical Center	Jackson	MS	Home Based Hypertension Management Using Remote Blood Pressure Telemonitoring	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Gonzalez-fernandez	Ezekiel	BA	University of Mississippi Medical Center	Jackson	MS	The Role of 20-HETE in the Pathogenesis of Dementia	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Shawky	Noha	PhD	University of Mississippi Medical Center	Jackson	MS	Mechanisms of hypertension in aging female offspring of hyperandrogenemic females	1/1/2020	12/31/2021	\$ 128,836	2
PROJECT Strategically Focused Heart Failure Research Network	Devore	Adam	MHSc, MD	Duke University	Durham	NC	Improving Population Health for Patients with Diabetes and Heart Failure (IMPACT-HF)	7/1/2016	6/30/2020	\$ 745,719	4
Merit Award	Poss	Kenneth	Ph.D.	Duke University	Durham	NC	Enhancing heart regeneration	7/1/2016	6/30/2021	\$ 1,000,000	5
PROJECT Strategically Focused Heart Failure Research Network	Shah	Svati	MD	Duke University	Durham	NC	Branched Chain Amino Acid and other Metabolic Pathways in Diabetic Heart Failure	7/1/2016	6/30/2020	\$ 615,447	4
PROJECT Strategically Focused Children's Research Network	Armstrong	Sarah	MD	Duke University	Durham	NC	A randomized trial of an integrated clinic-community intervention in children and adolescents with obesity	7/1/2017	6/30/2021	\$ 1,500,835	4
PROJECT Strategically Focused Children's Research Network	Shah	Svati	MD	Duke University	Durham	NC	Microbiota Related Molecular Pathways in Pediatric Obesity	7/1/2017	6/30/2021	\$ 899,643	4
CENTER Strategically Focused Children's Research Network	Skinner	Asheley	PhD	Duke University	Durham	NC	Duke Center for Pediatric Obesity Research	7/1/2017	6/30/2021	\$ 800,800	4
PROJECT Strategically Focused Children's Research Network	Skinner	Asheley	PhD	Duke University	Durham	NC	Effectiveness and implementation of tertiary-care pediatric obesity treatment programs	7/1/2017	6/30/2021	\$ 507,922	4
Transformational Project Award	Crowley	Steven		Duke University	Durham	NC	The interleukin-1 receptor modulates blood pressure and renal tubular injury	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Su	Teng	Ph.D.	Duke University	Durham	NC	Bio-inspired Microengineering of Synthetic Blood Vessels for Cardiac Regenerative Medicine	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Tsvetanova	Nikoleta		Duke University	Durham	NC	Decoding human genetic variation by functional dissection of beta2-adrenergic receptor signaling	7/1/2019	6/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Ide	Shintaro		Duke University	Durham	NC	Targeting anti-ferroptotic pathways to prevent the AKI-to-CKD transition	1/1/2020	12/31/2021	\$ 148,108	2



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Predoctoral Fellowship	Vardhan	Madhurima	BSE, MS	Duke University	Durham	NC	Novel anatomy-physiology guided diagnostic metric for complex coronary lesions	1/1/2020	12/31/2021	\$ 62,032	2
Collaborative Sciences Award	Hoffmann	Ulrike	MD,PhD	Duke University Durham	Durham	NC	Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice	7/1/2018	6/30/2021	\$ 109,128	3
Collaborative Sciences Award	Yang	Wei	PhD	Duke University Durham	Durham	NC	Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice	7/1/2018	6/30/2021	\$ 325,529	3
Collaborative Sciences Award	Yao	Junjie	PhD	Duke University Durham	Durham	NC	Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice	7/1/2018	6/30/2021	\$ 315,343	3
CENTER Strategically Focused Heart Failure Research Network	Felker	Michael	MD, MHSc	Duke University Medical Center	Durham	NC	Duke Center for Heart Failure and Diabetes Research	7/1/2016	6/30/2020	\$ 746,150	4
PROJECT Strategically Focused Heart Failure Research Network	Felker	Michael	MD, MHSc	Duke University Medical Center	Durham	NC	A randomized trial of a mobile health behavioral intervention in patients with heart failure and diabetes mellitus	7/1/2016	6/30/2020	\$ 1,601,884	4
Career Development Award	Grimsrud	Paul	PhD	Duke University Medical Center	Durham	NC	A Systems Biology Approach for Exploring the Role of PDK4 in Mediating Mitochondrial Remodeling in the Heart	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Karhausen	Joern	M.D.	Duke University Medical Center	Durham	NC	Enhanced neutrophil SUMOylation as a key to anti-inflammatory effects of hypothermia.	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Miller	Francis		Duke University Medical Center	Durham	NC	Extracellular Histones and Sepsis-induced Cardiomyopathy	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Rajagopal	Sudarshan	MD PhD	Duke University Medical Center	Durham	NC	Single Cell Profiling and Disease Modeling of CTEPH	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Wright	Nicholas	BS	Duke University Medical Center	Durham	NC	Structure guided design of novel adenosine reuptake inhibitors	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Eiger	Dylan	BS	Duke University Medical Center	Durham	NC	Decoding Chemokine Signaling in Atherosclerosis with Receptor Phosphorylation Barcodes	7/1/2020	6/30/2022	\$ 62,032	2
Innovative Project Award	Feng	Wayne	MD	Duke University Medical Center	Durham	NC	Optimizing Parameters of Low-Intensity Focused Ultrasound for Cortical Modulation in Stroke Patients	1/1/2021	12/31/2022	\$ 200,000	2
Innovative Project Award	Fudim	Marat	MD, MHSc	Duke University Medical Center	Durham	NC	Is Heart Failure with Preserved Ejection Fraction the Symptomatic Manifestation of Liver Disease?	1/1/2021	12/31/2022	\$ 198,801	2
AHA Institutional Research Enhancement Award	De Castro Bras	Lisandra	Ph.D.	East Carolina University	Greenville	NC	Collagen peptides as biomarkers of heart failure	7/1/2018	6/30/2020	\$ 154,000	2
Career Development Award	Cook	Marc	MS, PhD	North Carolina Agricultural & Technical State University	Greensboro	NC	Effect of Exercise Training on Gut Dysbiosis and Hypertension in African Americans	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Cheng	Ke	PhD	North Carolina State University	Raleigh	NC	Restoring exosome functions in post-MI hearts by modulating miR-21	7/1/2018	6/30/2021	\$ 299,462	3
Transformational Project Award	Daniele	Michael	BS, PhD	North Carolina State University	Raleigh	NC	Pre-Vascularization of Cardiac Stem Cell Patches Improves Heart Regeneration	7/1/2018	6/30/2021	\$ 300,000	3



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Established Investigator Award	Cheng	Ke	PhD	North Carolina State University	Raleigh	NC	Engineer Artificial Exosomes for Treating Myocardial Infarction	4/1/2019	3/31/2024	\$ 400,000	5
Career Development Award	Wirka	Robert	MD	The University of North Carolina at Chapel Hill	Chapel Hill	NC	Mechanisms of TCF21 in coronary artery disease	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Qian	Li	BS, PhD	University of North Carolina at Chapel Hill	Chapel Hill	NC	Single Cell Transcriptomics to Reconstruct Trajectory of Human Cardiac Reprogramming	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Bressan	Michael		University of North Carolina at Chapel Hill	Chapel Hill	NC	Developmental Optimization of Cardiac Pacemaker Cell Excitability	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Giudice	Jimena	Ph.D	University of North Carolina at Chapel Hill	Chapel Hill	NC	Functional implications of alternative splicing in cardiac biology	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Berlin	Danielle	BA	University of North Carolina at Chapel Hill	Chapel Hill	NC	Centrosome Number as a Regulator of Endothelial Cell-Cell Junctions and Lumenization	7/1/2019	6/30/2021	\$ 53,688	2
Predoctoral Fellowship	Buglak	Nicholas	BS	University of North Carolina at Chapel Hill	Chapel Hill	NC	Cinnamic aldehyde inhibition of neointimal hyperplasia is dependent on Nrf2 signaling	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Gunn	Kathryn	PhD	University of North Carolina at Chapel Hill	Chapel Hill	NC	Mechanistic and structural characterization of lipoprotein lipase inhibitors	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Kinghorn	Karina	BS	University of North Carolina at Chapel Hill	Chapel Hill	NC	Trafficking and secretion of soluble VEGFR1 as a regulator of angiogenic sprout guidance	7/1/2020	6/30/2022	\$ 62,032	2
Established Investigator Award	Liu	Jiandong	PhD	University of North Carolina at Chapel Hill	Chapel Hill	NC	Single cell analysis of cardiac regeneration and repair	1/1/2021	12/31/2025	\$ 400,000	5
Established Investigator Award	Qian	Li	BS, PhD	University of North Carolina at Chapel Hill	Chapel Hill	NC	Next Generation of Direct Cardiac Reprogramming	1/1/2021	12/31/2025	\$ 400,000	5
Career Development Award	Peterson	Todd	MS, PhD	University of North Carolina Wilmington	Wilmington	NC	Macrophage activation and infiltration in an animal model of obesity following stroke	1/1/2021	12/31/2023	\$ 231,000	3
Transformational Project Award	Chappell	Mark	BS, PhD	Wake Forest University Health Sciences	Winston-Salem	NC	Endocannabinoid-Angiotensin Systems in Diabetic Hypertension	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Yamaleyeva	Liliya	MD	Wake Forest University Health Sciences	Winston-Salem	NC	ACE2 and CD47 Interactions to Regulate Fetal Growth	7/1/2019	6/30/2022	\$ 299,559	3
AHA Institutional Research Enhancement Award	Zhang	Yan	PhD	North Dakota State University	Fargo	ND	Enhancement of Left Atrial Appendage Flow using Artificial Superhydrophobic Surface	7/1/2019	6/30/2021	\$ 150,887	2
Covid-19 Rapid Response	Gundry	Rebekah	PhD	Board of Regents of the University of Nebraska University of Nebraska Medical Center	Omaha	NE	Harnessing Glycomics to Understand COVID-19 and Cardiovascular Disease	6/1/2020	5/31/2021	\$ 99,996	1
Scientist Development Grant	DUAN	Bin	BSE, PhD	University of Nebraska Medical Center, Omaha	Omaha	NE	Bio-inspired engineered pediatric valve regulates MSC differentiation and MSC-monocyte interaction	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Li	Xiaowei	PhD	University of Nebraska Medical Center, Omaha	Omaha	NE	Promoting Organization and Integration of Transplanted Stem cells for Brain Tissue Regeneration after Stroke	7/1/2018	6/30/2021	\$ 231,000	3



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Career Development Award	Nandi	Shyam	PhD, MSc	University of Nebraska Medical Center, Omaha	Omaha	NE	Neurogenic mechanism for mitochondrial abnormality in hypertensive cardiomyopathy	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Tian	Changhai	PhD	University of Nebraska Medical Center, Omaha	Omaha	NE	Extracellular Vesicle MicroRNAs Regulate Nrf2/ARE Signaling in Heart Failure	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Schieber	Molly	BS, MS	University of Nebraska Medical Center, Omaha	Omaha	NE	Hypoxic/Oxidative Stress in micro-vessels of PAD patients: Predictors of myopathy and response to intervention	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	Reddy	Jay	DVM, PhD	University of Nebraska, Lincoln	Lincoln	NE	Prevention of viral cardiomyopathy and insulitis by vaccination	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Pedrigi	Ryan	BS, PhD	University of Nebraska, Lincoln	Lincoln	NE	ULTRASOUND AS A MECHANOTHERAPY FOR ENDOTHELIAL CELL DYSFUNCTION IN ATHEROSCLEROSIS	4/1/2019	3/31/2022	\$ 231,000	3
PROJECT Strategically Focused Vascular Disease Research Network	Goodney	Phillip		Dartmouth College	Hanover	NH	Integrated management strategies to reduce amputation and limit disparities for patients with diabetes and CLI	4/1/2018	3/31/2022	\$ 1,042,800	4
Predoctoral Fellowship CHF	Parker	Devin		Dartmouth College	Hanover	NH	First U.S. population-based estimates of CHD, healthcare utilization and quantifying the burden of care	1/1/2020	12/31/2021	\$ 62,032	2
AHA Institutional Research Enhancement Award	Feairheller	Deborah	BS, PhD	University of New Hampshire	Durham	NH	Effects of a Combined Diet and Exercise Intervention on Cardiovascular Risk Factors in Volunteer Firefighters	1/1/2019	5/31/2021	\$ 153,930	2
Scientist Development Grant	Boukrina	Olga	PhD	Kessler Foundation	East Hanover	NJ	Right brain stroke and the neural substrate of delirium	7/1/2017	6/30/2020	\$ 230,941	3
Predoctoral Fellowship	Nguyen	Thao	BS	Princeton University	Princeton	NJ	Investigating the Causes and Consequences of Protein Nucleocytoplas-mic Partitioning in Vertebrate Development	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	Sundararajan	Venkatesh	PhD	Rutgers New Jersey Medical School.	Newark	NJ	Regulation of mitochondrial proteostasis by LonP1 in cardiac function and protection	1/1/2021	12/31/2023	\$ 300,000	3
Career Development Award	Ilnytska	Olga		Rutgers, The State University of New Jersey	Piscataway	NJ	Novel role of lysobisphosphatidic acid (LBPA) in intracellular cholesterol trafficking	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Sampath	Harini	BS, PhD	Rutgers, The State University of New Jersey	Piscataway	NJ	Regulation of lipid metabolism by intestinal desaturases	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Oka	Shinichi	Ph.D.	Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	Pathogenic role of cardiomyocyte-initiating inflammatory signaling in diastolic heart failure	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Xie	Lai-hua		Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	The Role of Mitochondria in Cardiac Iron Overload and Dysfunction	7/1/2019	6/30/2022	\$ 300,000	3
Merit Award	Sadoshima	Junichi	MD, PhD	Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	Prevention myocardial injury by inhibition of autosis	1/1/2020	12/31/2024	\$ 1,000,000	5
Career Development Award	Sundararajan	Venkatesh	PhD	Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	Mitochondrial protein quality control in cardioprotection	7/1/2020	6/30/2023	\$ 231,000	3



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Transformational Project Award	Astrof	Sophie	PhD	Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	Identification of compensatory mechanisms to rescue aortic arch artery defects	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Del Re	Dominic		Rutgers, The State University of New Jersey - RBHS	Piscataway	NJ	HIPPO-YAP and cardiac inflammation	1/1/2021	12/31/2023	\$ 300,000	3
AHA Institutional Research Enhancement Award	Snow	Jessica	BS, PhD	New Mexico Highlands University	Las Vegas	NM	Role of GPER in Mechanisms of Pulmonary Hypertension	7/1/2018	6/30/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Delfin	Dawn	Ph.D.	University of New Mexico HSC	Albuquerque	NM	ABI3BP in the heart: a modulator of cardiac stem cell adhesion and differentiation	7/1/2018	6/30/2020	\$ 154,000	2
Transformational Project Award	Gonzalez Bosc	Laura	Ph.D.	University of New Mexico HSC	Albuquerque	NM	Novel collagen V-reactive natural TH17 cells in hypoxic pulmonary hypertension	7/1/2018	6/30/2021	\$ 300,000	3
Postdoctoral Fellowship	Zhang	Xing	PhD	University of New Mexico HSC	Albuquerque	NM	Transcriptional Regulation of Thermogenic Program	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Fox	Colin		University of Nevada, Reno	Reno	NV	Doxorubicin-Induced Cardiotoxicity and Cardiolipin Nanodisks	1/1/2020	12/31/2021	\$ 62,032	2
AHA Institutional Research Enhancement Award	Shah	Manish	MSc, PhD	Albany College of Pharmacy and Health Sciences	Albany	NY	Genetic and Structural Determinants of Warfarin and Losartan Binding to Cytochrome P450 2C9	7/1/2019	6/30/2021	\$ 154,000	2
Transformational Project Award	Paul	Antonio	PhD	Albany Medical Center	Albany	NY	Mechanisms of atheroprotection and plaque stabilization by lipid droplet-associated hydrolase	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Goo	Young-hwa	PhD	Albany Medical College	Albany	NY	Investigation of Guanylate Binding Proteins as a novel regulator of inflammation in atherosclerosis	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Riascos Bernal	Dario	MD PhD	Albert Einstein College of Medicine	New York	NY	Mitochondrial Complex I in Vascular Remodeling	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Sibinga	Nicholas	M.D.	Albert Einstein College of Medicine	New York	NY	The FAT1 cadherin in vascular remodeling	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Gambardella	Jessica	BS, PhD	Albert Einstein College of Medicine	New York	NY	Functional role of intracellular calcium in the regulation of vascular tone in heart failure	1/1/2020	12/31/2021	\$ 128,836	2
Transformational Project Award	Sibinga	Nicholas	M.D.	Albert Einstein College of Medicine	New York	NY	Catecholamine catabolism in obesity and diabetes	1/1/2021	12/31/2023	\$ 300,000	3
AHA Institutional Research Enhancement Award	Peixoto	Pablo	PhD	Baruch College City University of New York	New York	NY	Mitochondrial ROS in Synaptic Plasticity	4/1/2018	3/31/2020	\$ 154,000	2
Predoctoral Fellowship	Borowik	Sergej		Columbia University Irving Medical Center	New York	NY	Trafficking and dynamics of Cav1.2 in the heart	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Darko-Boateng	Arden	BS	Columbia University Irving Medical Center	New York	NY	Regulation of CaV3 channels by NEDD4 Family of Ubiquitin Ligases	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Megjhani	Murad	PhD	Columbia University Irving Medical Center	New York	NY	Real-time Detection of Delayed Cerebral Ischemia using Machine Learning	1/1/2020	12/31/2021	\$ 135,352	2
Strategically Focused PROJECT Go Red For Women Research Network	Aggarwal	Brooke	M.S., Ed.D.	Columbia University, New York	New York	NY	Sleep and cardiometabolic risk in different life stages in a diverse population of women	4/1/2016	3/31/2020	\$ 1,153,156	4



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Strategically Focused PROJECT Go Red For Women Research Network	Jelic	Sanja	M.D.	Columbia University, New York	New York	NY	The Effects of Sleep Restriction on Endothelial Activation in Pre- and Post-Menopausal Women	4/1/2016	3/31/2020	\$ 896,117	4
Strategically Focused CENTER Go Red For Women Research Network	St-Onge	Marie-Pierre	Ph.D.	Columbia University, New York	New York	NY	Sleep and Cardiovascular Risk Across Women's Life Stages	4/1/2016	3/31/2020	\$ 580,800	4
Strategically Focused PROJECT Go Red For Women Research Network	St-Onge	Marie-Pierre	Ph.D.	Columbia University, New York	New York	NY	Impact of sleep restriction on cardiometabolic risk factors in pre- vs postmenopausal women	4/1/2016	3/31/2020	\$ 1,079,127	4
AHA AMFDP Scholar	Abdalla	Marwah		Columbia University, New York	New York	NY	The Association of Sleep Architecture with Blood Pressure Dipping	7/1/2018	6/30/2022	\$ 420,000	4
Career Development Award	Shimada	Yuichi	M.D.	Columbia University, New York	New York	NY	Bariatric Surgery and Acute Cardiovascular Events: Analysis of Two Complementary Databases	7/1/2018	6/30/2021	\$ 231,000	3
Strategic Collaborative Grant	St-Onge	Marie-Pierre	BS, MSc	Columbia University, New York	New York	NY	Timing of Sleep and of Food Intake in Obese Patients with HFpEF	7/1/2018	6/30/2020	\$ 153,969	2
Career Development Award	Grondin	Julien		Columbia University, New York	New York	NY	Noninvasive 3D electromechanical activation mapping of the heart for cardiac arrhythmia	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Winchester	Robert	M.D.	Columbia University, New York	New York	NY	Identification of Immunological Mechanisms Targeting the Myocardium in Rheumatoid Arthritis	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Zheng	Ze	MBBS, PhD	Columbia University, New York	New York	NY	Role of Reduced Hepatocyte-Derived tPA Activity in Obesity-Associated Atherothrombosis	7/1/2019	6/30/2022	\$ 231,000	3
Postdoctoral Fellowship	Dou	Huijuan	PhD	Columbia University, New York	New York	NY	Role of NETs in athero-thrombosis in LNK/SH2B3 deficient mice	1/1/2020	12/31/2021	\$ 131,356	2
Transformational Project Award CHF	Kalfa	David	MD PhD	Columbia University, New York	New York	NY	In-vitro and in-vivo mechanical stability and growth of a bio-hybrid heart valve	1/1/2020	12/31/2022	\$ 300,000	3
Postdoctoral Fellowship	Li	Fang	PhD	Columbia University, New York	New York	NY	The effects of increased LIPA, a coronary heart disease risk gene, on macrophage and neutrophil function	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Murphy	Michael	PhD	Columbia University, New York	New York	NY	Developing a therapy for Marfan Syndrome using CRISPR-based mRNA translation enhancement system	1/1/2020	12/31/2021	\$ 128,080	2
Postdoctoral Fellowship	Oreilly	Marcella	BSC, PhD	Columbia University, New York	New York	NY	Functional investigation of lincADAIN in obesity-induced adipose tissue inflammation	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	Gao	Su	PhD	Columbia University, New York	New York	NY	Endothelial Cell Cholesterol Metabolism Dysregulation in Obstructive Sleep Apnea	1/1/2021	12/31/2023	\$ 231,000	3
Collaborative Sciences Award	Kalfa	David	MD PhD	Columbia University, New York	New York	NY	Experimental and computational proof of concept of an expandable polymeric valved conduit to repair congenital heart dis	1/1/2021	12/31/2023	\$ 319,354	3



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Career Development Award	Kushner	Jared	MD	Columbia University, New York	New York	NY	Regulators and interactomes of CaV1.2 in health and disease	1/1/2021	12/31/2023	\$ 231,000	3
Collaborative Sciences Award	Kysar	Jeffrey	PhD	Columbia University, New York	New York	NY	Experimental and computational proof of concept of an expandable polymeric valved conduit to repair congenital heart dis	1/1/2021	12/31/2023	\$ 36,756	3
Innovative Project Award	Tsai	Emily	BA, MD	Columbia University, New York	New York	NY	The causal role of atrial fibrillation in the development of right heart dysfunction: atrial-ventricular cell signaling	1/1/2021	12/31/2022	\$ 200,000	2
Collaborative Sciences Award	Waisman	Haim	PhD	Columbia University, New York	New York	NY	Experimental and computational proof of concept of an expandable polymeric valved conduit to repair congenital heart dis	1/1/2021	12/31/2023	\$ 37,607	3
Predoctoral Fellowship	Swanda	Robert	BS	Cornell University	Ithaca	NY	Deciphering mitochondria translational control in cardiac stress	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Woods	Joshua		Cornell University	Ithaca	NY	Inhibitors of the Mitochondrial Calcium Uniporter for the Prevention of Ischemia/Reperfusion Injury	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Zuela-sopilniak	Noam	BSC, PhD	Cornell University	Ithaca	NY	Identifying mechanisms leading from nuclear damage to cardiomyocyte dysfunction and death in LMNA-related cardiomyopaty	1/1/2020	12/31/2021	\$ 135,352	2
Predoctoral Fellowship	Maurer	Melanie	M.S.	Cornell University	Ithaca	NY	An induced pluripotent stem cell model of LMNA dilated cardiomyopathy to study the disease pathogenesis	6/1/2020	5/31/2022	\$ 62,032	2
Postdoctoral Fellowship CHF	Wang	Mingkun	Ph.D.	Cornell University	Ithaca	NY	Mechanical regulation of YAP/TAZ activity in the growth and maturation of atrioventricular valve	1/1/2021	12/31/2022	\$ 136,236	2
Fellow-to-Faculty Transition Award	Hook	Jaime	BS, MD	Icahn School of Medicine at Mount Sinai	New York	NY	Pulmonary Microvascular Responses to Methicillin-Resistant Staphylococcus aureus Lung Infection	7/1/2016	8/31/2021	\$ 526,000	5
Scientist Development Grant	Stillitano	Francesca	PhD	Icahn School of Medicine at Mount Sinai	New York	NY	Development of human cell-based screening assays to detect subject-specific drug-response variability	7/1/2017	6/30/2020	\$ 231,000	3
Innovative Project Award	Hadri	Lahouaria	PhD	Icahn School of Medicine at Mount Sinai	New York	NY	Extracellular vesicles secreted by human Induced Pluripotent Stem Cells (iPSC)-derived Vascular Cells as Novel Biomarker	7/1/2018	6/30/2020	\$ 200,000	2
Transformational Project Award	Stillitano	Francesca	PhD	Icahn School of Medicine at Mount Sinai	New York	NY	Pathophysiological mechanism of Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) caused by Phospholamban R14 delet	7/1/2018	6/30/2021	\$ 300,000	3
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Giannarelli	Chiara	MD, PhD	Icahn School of Medicine at Mount Sinai	New York	NY	Determinants of pathological changes of atherosclerosis in women and men with diabetes	1/1/2020	12/31/2023	\$ 954,360	4
Career Development Award	Trivieri	Maria Giovanna	MD PhD	Icahn School of Medicine at Mount Sinai	New York	NY	"Mechanisms underlying Phospholamban L39 Stop (PLN L39X)-cardiomyopathy"	7/1/2020	6/30/2023	\$ 231,000	3



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Transformational Project Award	Sassi	Yassine	PhD	Icahn School of Medicine at Mount Sinai	New York	NY	A MicroRNA-Based Therapeutic Approach for Pulmonary Arterial Hypertension	1/1/2021	12/31/2023	\$ 300,000	3
Collaborative Sciences Award	Chen	Shuibing	Ph.D.	Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Identification of Genetic Variants Associated with Anthracycline-related Cardiotoxicity	7/1/2018	6/30/2021	\$ 187,501	3
Innovative Project Award	Goyal	Parag	MD, MSc	Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Safety of Neurohormonal Antagonist Initiation Among Older Adults Following a Heart Failure Hospitalization	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Merkler	Alexander	MD	Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Unrecognized Myocardial Infarction May Be A Novel Risk Factor For Ischemic Stroke	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Cao	Jingli	PhD	Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Dissecting the mechanisms of epicardium-guided heart regeneration	10/1/2018	9/30/2021	\$ 231,000	3
Postdoctoral Fellowship	Ahn	Sung Ji		Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Pathological tau and neurovascular dysfunction	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	Goyal	Parag	MD, MSc	Joan & Sanford I. Weill Medical College of Cornell University	New York	NY	Successful Aging and Cardiovascular Disease	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Kontaridis	Maria	Ph.D.	Masonic Medical Research Laboratory	Utica	NY	The role of PTPN11 mutations in autism and heart pathogenesis	1/1/2021	12/31/2023	\$ 299,835	3
Career Development Award	Chan	Angel	MD PhD	Memorial Sloan Kettering Cancer Center (MSK)	New York	NY	Mechanisms of trastuzumab-induced cardiotoxicity in patient specific iPSC-derived cardiomyocytes	7/1/2018	6/30/2021	\$ 231,000	3
Predoctoral Fellowship	Schonbrun	Adina	BA	Memorial Sloan Kettering Cancer Center (MSK)	New York	NY	Roles of Diacylglycerol acyltransferase 1 and Hedgehog acyltransferase in Intramembrane Fatty Acyl-CoA Transport	7/1/2020	6/30/2022	\$ 62,032	2
Transformational Project Award	Rota	Marcello	Ph.D.	New York Medical College	Valhalla	NY	Notch Signaling and Window of Opportunity for the Remodeling of the Infarcted Heart	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Cerrone	Marina	MD	New York University	New York	NY	EXOGENOUS FACTORS IN THE ARRHYTHMOGENIC CARDIOMYOPATHY PHENOTYPE	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Pavlov	Evgeny		New York University	New York	NY	Misfolded proteins as core components of the mitochondrial permeability transition.	7/1/2018	6/30/2021	\$ 300,000	3
Postdoctoral Fellowship	Daniloski	Zharko	PhD	New York University	New York	NY	Genome-wide CRISPR approaches for high-efficiency MPS I gene therapy	1/1/2020	12/31/2021	\$ 128,836	2
Strategically Focused PROJECT Go Red For Women Research Network	Berger	Jeffrey	MD	New York University School of Medicine	New York	NY	Comprehensive assessment of platelet activity in women with myocardial infarction	4/1/2016	3/31/2020	\$ 1,010,165	4
Strategically Focused CENTER Go Red For Women Research Network	Hochman	Judith	MA, MD	New York University School of Medicine	New York	NY	NYU Women's Heart Attack Research Program	4/1/2016	3/31/2020	\$ 580,800	4



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Strategically Focused PROJECT Go Red For Women Research Network	Reynolds	Harmony	MD	New York University School of Medicine	New York	NY	Mechanistic insights into Myocardial Infarction with Non-Obstructive Coronary Artery disease (The MINOCA study)	4/1/2016	3/31/2020	\$ 1,320,773	4
Strategically Focused PROJECT Go Red For Women Research Network	Spruill	Tanya	PhD	New York University School of Medicine	New York	NY	Telephone-Based Stress Management For Women With Myocardial Infarction	4/1/2016	3/31/2020	\$ 797,464	4
Strategically Focused PROJECT Obesity Research Network	Goldberg	Ira	MD	New York University School of Medicine	New York	NY	Obesity, Inflammation and Cardiovascular Risk	4/1/2017	3/31/2021	\$ 798,979	4
Strategically Focused CENTER Obesity Research Network	Schmidt	Ann-Marie	M.D.	New York University School of Medicine	New York	NY	Braking Inflammation in Obesity & Metabolic Dysfunction: Translational and Therapeutic Opportunities	4/1/2017	3/31/2021	\$ 580,800	4
Strategically Focused PROJECT Obesity Research Network	Schmidt	Ann-Marie	M.D.	New York University School of Medicine	New York	NY	RAGE/DIAPH1: Inflammation and Suppression of Energy Expenditure in Obesity - Mechanisms and Therapeutic Strategies	4/1/2017	3/31/2021	\$ 970,497	4
Strategically Focused PROJECT Obesity Research Network	Sevick	Mary Ann		New York University School of Medicine	New York	NY	Alternative technology-supported behavioral weight loss intervention programs	4/1/2017	3/31/2021	\$ 1,358,924	4
Career Development Award	BARRETT	Tessa	BSC, PhD	New York University School of Medicine	New York	NY	Platelet-regulated pathways linked to plaque inflammation and elevated atherosclerotic disease risk	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Garshick	Michael		New York University School of Medicine	New York	NY	The Evaluation of Endothelial and Platelet Dysfunction in Those with Psoriasis	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Van Solingen	Coen	PhD	New York University School of Medicine	New York	NY	A micropeptide concealed in a putative lncRNA directs inflammation	4/1/2019	3/31/2022	\$ 231,000	3
Postdoctoral Fellowship	Kalinowski	Jolaade		New York University School of Medicine	New York	NY	Stress Management for Black Women with High Blood Pressure: Evaluating Effects of Mindfulness Training on CVD Risk	7/1/2019	6/30/2021	\$ 106,532	2
AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML Training Grant	Parnandi	Avinash	MS, PhD	New York University School of Medicine	New York	NY	Measurement tools for clinical and home rehabilitation after stroke	12/1/2019	11/30/2021	\$ 100,000	2
PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Berger	Jeffrey	MD	New York University School of Medicine	New York	NY	Diabetes and the Platelet Phenotype: Influence of Sex, Cholesterol Lowering and Cardiovascular Events	1/1/2020	12/31/2023	\$ 954,360	4



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PROJECT Cardiometabolic Health with Focus on Diabetes-Cardiometabolic Health Network	Fisher	Edward	MD	New York University School of Medicine	New York	NY	Mechanisms that retard atherosclerosis regression in insulin resistant and obese mice	1/1/2020	12/31/2023	\$ 955,480	4
CENTER Cardiometabolic Health with Focus on Diabetes (Cardiometabolic Health Network)	Goldberg	Ira	MD	New York University School of Medicine	New York	NY	Diabetes and Vascular Disease Repair in Women and Men (REPAIR)	1/1/2020	12/31/2023	\$ 580,800	4
Postdoctoral Fellowship	Isom	Georgia	BSC, PhD	New York University School of Medicine	New York	NY	Lipid transport to the bacterial outer membrane through an envelope-spanning tunnel	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Marron Linares	Grecia	BSC, PhD	New York University School of Medicine	New York	NY	Exercise-induced maladaptive hypertrophy in PKP2-deficient mice: Implications to the pathophysiology of ARVC	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Noval	Maria	PhD	New York University School of Medicine	New York	NY	Elucidating the cellular and molecular determinants of chikungunya virus-induced cardiomyopathies	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Yamaguchi	Naoko	MD, PhD	New York University School of Medicine	New York	NY	The Role of the NRG1/ERBB4/ETV1 Signaling Pathway in Atrial Remodeling	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	Basu	Debapriya	Ph.D.	New York University School of Medicine	New York	NY	Role of vascular triglyceride lipolysis in atherosclerosis progression	7/1/2020	6/30/2023	\$ 231,000	3
Renewal of the Sarah Soter Center for Women's Cardiovascular Research	Reynolds	Harmony	MD	New York University School of Medicine	New York	NY	Heart Attack Research Program (HARP)	7/1/2020	6/30/2025	\$ 4,400,623	5
Predoctoral Fellowship	Zhang	Haokang		Rensselaer Polytechnic Institute	Troy	NY	An Imaging-Compatible 3D Microvessel Platform For Studying Endothelial Chiral Morphogenesis and Barrier Development	1/1/2020	12/31/2021	\$ 62,032	2
Innovative Project Award	Des Georges	Amedee		Research Foundation of CUNY on behalf of Advanced Science Research Center	New York	NY	Deciphering GPCR signaling by allosteric and biased ligands using cryo-EM.	7/1/2019	6/30/2021	\$ 199,234	2
Scientist Development Grant	Dey	Bijan	Ph.D.	Research Foundation of SUNY - University at Albany	Albany	NY	Dysregulation of miR-133a-5p/HMGA2 axis causes skeletal and cardiac muscle degeneration by impairing autophagy in DMD	7/1/2017	6/30/2020	\$ 231,000	3
AHA Institutional Research Enhancement Award	Gupta	Vivek	Ph.D.	St John's University	Jamaica	NY	Novel Therapies for Pulmonary Hypertension: Mechanism based Drug Repositioning for Superior Therapeutic Outcomes	7/1/2018	6/30/2020	\$ 154,000	2
Career Development Award	Auerbach	David	PhD, MS	SUNY Upstate Medical University	Syracuse	NY	Mechanisms for Arrhythmias and Seizures in Long QT Syndrome	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Bae	Yongho	Ph.D.	The Research Foundation of SUNY	Albany	NY	Mechanotransduction in Vascular Smooth Muscle: Survivin as a Mediator of Stiffness-Induced Responses	7/1/2018	6/30/2021	\$ 231,000	3



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Postdoctoral Fellowship	Jones	Megan	BS, PhD	The Research Foundation of SUNY	Albany	NY	Modulation of Aortic Endothelial Cell Signaling and Function by Oral Bacteria	2/1/2019	1/31/2021	\$ 110,456	2
Predoctoral Fellowship	Mendoza	Melissa	BS	The Research Foundation of SUNY at Binghamton University	Binghamton	NY	Three-dimensional Valve-on-a-chip Models of the Aortic Valve Fibrosa	1/1/2020	3/31/2022	\$ 62,032	2
Covid-19 Rapid Response	Sethi	Sanjum	MD	The Trustees of Columbia University in the City of New York	New York	NY	A comprehensive assessment of arterial and venous thrombotic complications in patients with COVID-19	6/1/2020	5/31/2021	\$ 99,998	1
Covid-19 Rapid Response	Tsai	Emily	BA, MD	The Trustees of Columbia University in the City of New York	New York	NY	Elucidating the Pathogenesis of COVID-19 Cardiac Disease: Histopathological and snRNA-Seq Analyses of Human Myocardium	6/1/2020	5/31/2021	\$ 100,000	1
RGR Weight Change Predictors	Aggarwal	Brooke	M.S., Ed.D.	The Trustees of Columbia University in the City of New York	New York	NY	Predictors of weight change during the menopausal transition using a precision medicine platform: Defining a phenotype	8/1/2020	7/31/2022	\$ 799,998	2
Collaborative Sciences Award	CAMERON	Scott	MD PhD,MS	University of Rochester Medical Center	Rochester	NY	Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke	7/1/2018	6/30/2021	\$ 52,023	3
Collaborative Sciences Award	Halterman	Marc	MD, PhD	University of Rochester Medical Center	Rochester	NY	Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke	7/1/2018	6/30/2021	\$ 479,428	3
Innovative Project Award	Halterman	Marc	MD, PhD	University of Rochester Medical Center	Rochester	NY	GFP-tagging the ER-stress proteome to address bottlenecks in neurotherapeutics discovery	7/1/2018	6/30/2020	\$ 200,000	2
Collaborative Sciences Award	Morrell	Craig	DVM,PhD	University of Rochester Medical Center	Rochester	NY	Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke	7/1/2018	6/30/2021	\$ 55,479	3
Collaborative Sciences Award	Nilsson	Bradley	PhD	University of Rochester Medical Center	Rochester	NY	Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke	7/1/2018	6/30/2021	\$ 163,070	3
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Goldenberg	Ilan	MD	University of Rochester Medical Center	Rochester	NY	Sex-Specific Risk for QTc Prolongation and Arrhythmic Events in Congenital Long QT Syndrome and Drug-Induced LQTS	7/1/2019	6/30/2023	\$ 1,094,488	4
Innovative Project Award	Pang	Jinjiang	MD PhD	University of Rochester Medical Center	Rochester	NY	The novel mechanism of HIV-PAH	7/1/2019	6/30/2021	\$ 200,000	2
Career Development Award	Quijada	Pearl	Ph.D.	University of Rochester Medical Center	Rochester	NY	Restoring fetal angiogenic factors for the treatment of ischemic heart disease	8/1/2019	7/31/2022	\$ 231,000	3
Predoctoral Fellowship	Liu	Jing	BS, MS	University of Rochester Medical Center	Rochester	NY	Role of MRCKa and Na+,K+-ATPase signaling in alveolar barrier function in the mouse lung	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Zhang	Chongyang	BS, MS	University of Rochester Medical Center	Rochester	NY	The Role of PDE1C in Vascular Smooth Muscle Cell Lysosomal Dysfunction and Atherosclerosis	1/1/2020	12/31/2021	\$ 62,032	2
Collaborative Sciences Award	Evans	Todd	PhD	Weill Medical College of Cornell University	New York	NY	Identification of Genetic Variants Associated with Anthracycline-related Cardiotoxicity	7/1/2018	6/30/2021	\$ 187,500	3



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Transformational Project Award	Liao	Xudong	PhD	Case Western Reserve University	Cleveland	OH	Role of cardiac macrophage subsets in pressure overload hypertrophy and its application in treatment of cardiomyopathy	7/1/2018	6/30/2021	\$ 300,000	3
Postdoctoral Fellowship	Khandelia	Arvind	PhD	Case Western Reserve University	Cleveland	OH	Mechanisms underlying gating and modulation of Glycine receptor using CryoEM	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Lapierre-landry	Maryse	PhD	Case Western Reserve University	Cleveland	OH	The effects of prenatal alcohol exposure on the spatial organization of coronary microvasculature and cardiac cells	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Lee	Juhwan	PhD	Case Western Reserve University	Cleveland	OH	Software for treatment planning of calcified coronaries using intravascular OCT and advanced learning systems	1/1/2020	12/31/2021	\$ 139,336	2
Institutional Award for Undergraduate Student Training	Yutzey	Katherine	Ph.D.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Cincinnati Children's SURF program	4/1/2018	3/31/2021	\$ 60,000	3
Career Development Award	Sanchez	Juan	PhD	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Developmental and molecular mechanisms of obesity.	7/1/2018	6/30/2021	\$ 231,000	3
Merit Award	Molkentin	Jeff		Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Finding the combinatorial code for cardiomyocyte proliferation	1/1/2019	12/31/2023	\$ 1,000,000	5
Career Development Award	Vagnozzi	Ronald	Ph.D.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Genetic Modulation of Macrophage-Fibroblast Crosstalk to Enhance Tissue Healing after Myocardial Infarction	4/1/2019	3/31/2022	\$ 231,000	3
CENTER Health Technologies and Innovation Network	Beaton	Andrea	M.D.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Active Detection and Decentralized Dynamic Registry to Improve Uptake of Rheumatic Heart Disease Secondary Prevention	4/1/2020	3/31/2024	\$ 609,386	4
PROJECT Health Technologies and Innovation Network	Beaton	Andrea	M.D.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Active Detection and Decentralized Dynamic Registry to Improve Uptake of Rheumatic Heart Disease Secondary Prevention	4/1/2020	3/31/2024	\$ 1,890,614	4
Covid-19 Rapid Response	Beaton	Andrea	M.D.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH	Ejection Fraction as the Sixth Vital Sign for Critically Ill Patients with COVID-19	6/1/2020	5/31/2021	\$ 200,000	1
Career Development Award	Meng	Qinghang		Cincinnati Children's Hospital Medical Center	Cincinnati	OH	The Role of Extracellular Matrix Proteins in Cardiac Remodeling	7/1/2020	6/30/2023	\$ 231,000	3
Distinguished Investigator Award	Apte	Suneel	M.B.B.S, D. Phil.	Cleveland Clinic Foundation	Cleveland	OH	Forward and reverse degradomics of cardiovascular extracellular matrix	10/1/2017	9/30/2020	\$ 1,500,000	3
CENTER Strategically Focused Atrial Fibrillation Research Network	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	Translational Strategies for the Prevention of Atrial Fibrillation Development and Progression	7/1/2018	6/30/2022	\$ 580,800	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	Upstream Targeting for the Prevention of AF: Targeting Risk Interventions and Metformin for AF (TRIM-AF)	7/1/2018	6/30/2022	\$ 1,564,200	4



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Career Development Award	Liu	Jianmin	MS, PhD	Cleveland Clinic Foundation	Cleveland	OH	Mechanistic investigation of kindlin-dependent integrin activation	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Mohan	Maradumane	MSc, PhD	Cleveland Clinic Foundation	Cleveland	OH	Kinase independent signaling of PI3Kgamma in cardiac fibrosis	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Plow	Ela	Ph.D., P.T.	Cleveland Clinic Foundation	Cleveland	OH	A Novel Approach for Brain Stimulation in Severe Stroke	7/1/2018	6/30/2021	\$ 300,000	3
PROJECT Strategically Focused Atrial Fibrillation Research Network	SMITH	Jonathan	PhD	Cleveland Clinic Foundation	Cleveland	OH	Gene-Aging-Metabolism Interaction in Atrial Fibrillation Pathogenesis	7/1/2018	6/30/2022	\$ 782,100	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Van Wagoner	David	Ph.D.	Cleveland Clinic Foundation	Cleveland	OH	Multi-omic analysis of atrial metabolism, electrophysiology and AF progression	7/1/2018	6/30/2022	\$ 782,100	4
Career Development Award	Wang	Fan		Cleveland Clinic Foundation	Cleveland	OH	High-Throughput Functional Identification of Regulatory Causal Genomic Variants for CAD	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Carney	Sarah	BS	Cleveland Clinic Foundation	Cleveland	OH	Nanotherapeutics to reverse matrix pathophysiology in small aortic aneurysms	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Dooley	Abigail	BS	Cleveland Clinic Foundation	Cleveland	OH	Investigating the role of US28 in HCMV latency-enhanced atherosclerotic plaque formation	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Saha	Prasenjit	PhD	Cleveland Clinic Foundation	Cleveland	OH	Identifying the receptor(s) of a cardiovascular disease-linked gut-microbial metabolite phenylacetylglutamine (PAG).	1/1/2020	12/31/2021	\$ 135,352	2
Covid-19 Rapid Response	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	AHA COVID-19 Research Coordinating Center	6/1/2020	5/31/2021	\$ 150,000	1
Covid-19 Rapid Response	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	SARS-CoV-2 Infectivity and Drug Effects in Engineered Heart Tissue, Microglial Cell Models, and COVID-19 Registries	6/1/2020	5/31/2021	\$ 100,000	1
Strategic Collaborative Grant	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	DETERMINATION OF RADIOGENOMIC MARKERS FOR PREDICTION OF ATRIAL FIBRILLATION RISK AND ABLATION OUTCOMES	7/1/2020	6/30/2022	\$ 88,144	2
Strategic Collaborative Grant	Chung	Mina	MD	Cleveland Clinic Foundation	Cleveland	OH	Defining the Cardiac Phenotype and Clinical Outcomes for Genetic Subtypes of Atrial Fibrillation	7/1/2020	6/30/2022	\$ 47,320	2
Strategic Collaborative Grant	SMITH	Jonathan	PhD	Cleveland Clinic Foundation	Cleveland	OH	High Resolution Transcriptomics of the Human Pulmonary Vein	7/1/2020	6/30/2022	\$ 166,254	2
AHA Institutional Research Enhancement Award	Schaeffer	Paul	PhD	Miami University	Oxford	OH	Living in the cold: Does cold acclimation lead to a healthy heart?	1/1/2020	12/31/2021	\$ 154,000	2
Institute - Innovative Development Grants	Lin	Simon	M.D.	Nationwide Children's Hospital.	Columbus	OH	CardioGenomics eXchange commons: A cloud-based collaboration platform for the anaysis/exchange of genome sequencing data	4/1/2017	3/31/2020	\$ 100,000	3



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Career Development Award	Agrawal	Shipra	PhD	Nationwide Children's Hospital.	Columbus	OH	Improving Kidney Disease by Targeting Podocyte PPAR gamma	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Basu	Madhumita	PhD	Nationwide Children's Hospital.	Columbus	OH	Mechanisms of maternal hyperglycemia induced risk of congenital heart disease	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Zhao	Mingtao	PhD, DVM	Nationwide Children's Hospital.	Columbus	OH	NOTCH Signaling in Human Vascular Development and CADASIL	10/1/2018	9/30/2021	\$ 231,000	3
Transformational Project Award	King	Samantha	Ph.D.	Nationwide Children's Hospital.	Columbus	OH	Streptococcus oralis strains lacking serine-rich repeat proteins bind the same platelet carbohydrates via novel adhesins	7/1/2019	6/30/2022	\$ 300,000	3
AHA Institutional Research Enhancement Award	Consitt	Leslie	PhD	Ohio University	Athens	OH	Skeletal Muscle Mechanisms Involved in Obesity-Related Metabolic Inflexibility	7/1/2018	6/30/2020	\$ 154,000	2
Predoctoral Fellowship	Tavoian	Dallin	MS	Ohio University	Athens	OH	Cycle high-intensity interval training to improve cardiorespiratory and muscular function in older adults	7/1/2019	6/30/2021	\$ 53,688	2
Transformational Project Award	Cai	Chuanxi	BS, PhD	The Ohio State University	Columbus	OH	The Function of LncRNA COIND in Myocardial Repair	7/1/2018	6/30/2021	\$ 300,000	3
Institutional Award for Undergraduate Student Training	Zweier	Jay	MD	The Ohio State University	Columbus	OH	Undergraduate Summer Fellowship Program	1/1/2019	12/31/2021	\$ 60,000	3
Career Development Award	Gloag	Erin	Ph.D	The Ohio State University	Columbus	OH	Understanding the evolution of Pseudomonas aeruginosa adapted variants in chronic infections	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Schenk	Austin	BA, MD PhD	The Ohio State University	Columbus	OH	TCR Repertoire, Specificity, and the Endothelial Barrier in Allograft Rejection and Tolerance	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Radwanski	Przemyslaw	Ph.D.	The Ohio State University	Columbus	OH	A novel therapeutic paradigm for arrhythmogenic calmodulinopathy	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Dunn	Matthew	BS	The Ohio State University	Columbus	OH	Evolutionary outcomes of TLO gene family expansion in Candida albicans	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Martens	Colton		The Ohio State University	Columbus	OH	The Role of BEX1 in Viral Myocarditis	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Uddin	Muhammad Erfan	MS, PhD	The Ohio State University	Columbus	OH	Organic Cation Transporters and Dofetilide-Induced Proarrhythmia	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Huang	Amanda		The Ohio State University	Columbus	OH	Phosphoprotein regulation of frequency-dependent relaxation in failing and nonfailing human ventricular tissue	7/1/2020	6/30/2022	\$ 62,032	2
End Nicotine Addiction in Children and Teens	Mohler	Peter	Ph.D.	The Ohio State University	Columbus	OH	A Comprehensive Approach to Understanding and Ending Youth E-cigarette Addiction	7/1/2020	6/30/2022	\$ 5,500,000	2
Career Development Award	Ponnalagu	Devasena	Ph.D.	The Ohio State University	Columbus	OH	Role of mitochondrial chloride channel, CLIC4 in diabetic cardiomyopathy.	7/1/2020	6/30/2023	\$ 231,000	3
AHA AMFDP Scholar	Addison	Daniel	MD	The Ohio State University	Columbus	OH	Defining and Preventing Novel Cancer Therapy-associated Cardiotoxicity	1/1/2021	12/31/2024	\$ 420,000	4



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Transformational Project Award	Veeraraghavan	Rengasayee	BS, PhD	The Ohio State University	Columbus	OH	Preventing Atrial Fibrillation by Preserving the Vascular Barrier and Intercalated Disk Nanodomains	1/1/2021	12/31/2023	\$ 300,000	3
Postdoctoral Fellowship CHF	Manivannan	Sathiyarayanan	PhD	The Research Institute at Nationwide Children's Hospital	Columbus	OH	Developmental origins of Hypoplastic left heart syndrome examined using genetically-linked RBFOX2 variants	1/1/2021	12/31/2022	\$ 146,736	2
AHA Institutional Research Enhancement Award	Ramirez	Rolando	BA, PhD	The University of Akron	Akron	OH	Increased VEGF Receptor 2 Expression to Improve Maternal Physiology and Fetal Outcomes in a Rat Model of Preeclampsia	7/1/2018	6/30/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Zhang	Ge	BS, MD PhD	The University of Akron	Akron	OH	Development of a Vascularized Engineered Myocardial Tissue for Cardiac Repair	1/1/2019	12/31/2020	\$ 154,000	2
AHA Allen Brain Health Initiative	Jain	Mukesh		University Hospitals Cleveland Medical Center	Cleveland	OH	Optimizing the function of a redefined neurovascular unit to prevent age-related dementia	1/1/2019	12/31/2026	\$ 9,600,000	8
Established Investigator Award	Fan	Guo-chang	PhD	University of Cincinnati	Cincinnati	OH	Exosomes and Their Content Reprogramming in Heart Failure	1/1/2017	12/31/2021	\$ 400,000	5
Career Development Award	Kanisicak	Onur	PhD	University of Cincinnati	Cincinnati	OH	Deactivating cardiac fibroblasts mediate reverse remodeling upon injury resolution	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	LIANG	Jialiang	PhD	University of Cincinnati	Cincinnati	OH	Conversion of fibroblasts into cardiovascular progenitors using CRISPR technology for heart regeneration	7/1/2018	6/30/2021	\$ 231,000	3
Institutional Award for Undergraduate Student Training	Sadayappan	Sakthivel	PhD	University of Cincinnati	Cincinnati	OH	American Heart Association - Summer Undergraduate Research Fellowship (AHA-SURF)	1/1/2019	12/31/2021	\$ 60,000	3
Career Development Award	Subramanian	Kavitha	MS	University of Cincinnati	Cincinnati	OH	Metallothionein 3 shapes the polarization and metabolism of M2 macrophages	4/1/2019	3/31/2022	\$ 231,000	3
AHA/Amazon Web Services 3.0 Data Grant Portfolio - AI and ML	DeMazumder	Deeptankar	MD, PhD	University of Cincinnati	Cincinnati	OH	Critical Health Assessment & Outcomes Study/Score in the cardiovascular ICU (CHAOS-ICU)	7/1/2019	6/30/2021	\$ 200,000	2
Innovative Project Award	Owens	Albert	BS, PhD	University of Cincinnati	Cincinnati	OH	The Role of Pulmonary Alveolar Microlithiasis in Cardiovascular Disease	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Sadayappan	Sakthivel	PhD	University of Cincinnati	Cincinnati	OH	Molecular Mechanisms of Cardiac Arrhythmias in Patients with Compound Mutations	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Song	Taejeong	PhD	University of Cincinnati	Cincinnati	OH	Molecular mechanism of hypertrophic cardiomyopathy in populations of South Asian descendants	7/1/2019	6/30/2021	\$ 106,532	2
Innovative Project Award	Tranter	Michael	PhD	University of Cincinnati	Cincinnati	OH	RNA aptamer homing beacons to reduce obesity	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Tranter	Michael	PhD	University of Cincinnati	Cincinnati	OH	A novel role for Human Antigen R (HuR) in uncoupling protein 1 (UCP1)-independent thermogenesis and energy expenditure	7/1/2019	6/30/2022	\$ 300,000	3



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Award Program	Last Name	First Name	Degrees	Institution	City	ST	Project Title	Award Start	Award End	Award Amount	Years Duration
Postdoctoral Fellowship	Alam	Perwez	Ph.D.	University of Cincinnati	Cincinnati	OH	Uncovering the cardioprotective mechanism of cardiomyocyte cell cycle activation.	1/1/2020	12/31/2021	\$ 135,352	2
Predoctoral Fellowship	Beucler	Matthew	BS	University of Cincinnati	Cincinnati	OH	Role of human cytomegalovirus G Protein-coupled receptors in salivary epithelial cell replication and persistence	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Desai	Darshini	BS, MS	University of Cincinnati	Cincinnati	OH	Human cardiac organoids for hypertrophic cardiomyopathy	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Green	Lisa		University of Cincinnati	Cincinnati	OH	The Role of Human Antigen R (HuR) in Pathological Cardiac Remodeling	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Slone	Samuel	BS	University of Cincinnati	Cincinnati	OH	HuR dependent regulation of inflammatory remodeling following myocardial ischemia/reperfusion injury	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Huang	Wei		University of Cincinnati	Cincinnati	OH	Rescue mitochondria dysfunction in failing heart by DNA methylation of miR-128 enhancer	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Walsh	Kyle	MD, MS	University of Cincinnati	Cincinnati	OH	Serial RNA-seq in Acute ICH Patients: Association with 90-day Outcomes and Identification of Novel Treatment Targets	1/1/2021	12/31/2023	\$ 300,000	3
Scientist Development Grant	Williams	Clintoria	PhD	Wright State University	Dayton	OH	Selective regulation of distal nephron sodium handling by calcineurin isoforms	7/1/2016	6/30/2020	\$ 308,000	4
Career Development Award	Shao	Bojing		Oklahoma Medical Research Foundation	Oklahoma City	OK	Roles of Myeloid Cell Talin1 in Atherosclerosis	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Yu	Pengchun	PhD	Oklahoma Medical Research Foundation	Oklahoma City	OK	Metabolic regulation of lymphangiogenesis	4/1/2019	3/31/2022	\$ 231,000	3
Postdoctoral Fellowship	Fernando	Charmain	PhD	Oklahoma Medical Research Foundation	Oklahoma City	OK	Vascular endothelial RIPK3 regulation in ischemia-reperfusion injury	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	Kondo	Yuji		Oklahoma Medical Research Foundation	Oklahoma City	OK	Site-1 protease-mediated lipid metabolism in lymphatic vascular development	7/1/2020	6/30/2023	\$ 231,000	3
AHA Institutional Research Enhancement Award	Emerson	Sam	PhD	Oklahoma State University	Stillwater	OK	The Clinical Utility of Resistance Training for Improving Cardiovascular Disease Risk in Post-Menopausal Women	7/1/2018	8/31/2020	\$ 153,933	2
AHA Institutional Research Enhancement Award	Mao	Yu	PhD	Oklahoma State University	Stillwater	OK	Dual-function Stent Nanocoatings: Toward Better Treatment of Coronary Heart Diseases	1/1/2020	5/31/2022	\$ 153,802	2
Predoctoral Fellowship CHF	Laurence	Devin	MS	The Board of Regents of the University of Oklahoma (University of Oklahoma)	Norman	OK	In-silico guided assessment and management of tricuspid regurgitation in patients with hypoplastic left heart syndrome	4/1/2021	3/31/2023	\$ 63,040	2
Scientist Development Grant	Lee	Chung-Hao	Ph.D.	University of Oklahoma	Norman	OK	Computer-assisted management and treatment of functional tricuspid regurgitation	7/1/2016	6/30/2020	\$ 307,049	4
Predoctoral Fellowship	Ahire	Chetan		University of Oklahoma Health Sciences Center	Oklahoma City	OK	Chemotherapy-induced vascular cognitive impairment: role of endothelial senescence	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Sandel	Clayton	BS	University of Oklahoma Health Sciences Center	Oklahoma City	OK	Pathogenesis of Human Autoimmune Myocarditis	1/1/2020	12/31/2021	\$ 62,032	2



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Institutional Award for Undergraduate Student Training	McCarty	Owen	PhD	Oregon Health & Science University	Portland	OR	OHSU AHA Undergraduate Student Fellowship	4/1/2018	3/31/2023	\$ 36,000	5
Innovative Project Award	Ferencik	Maros	MD PhD	Oregon Health & Science University	Portland	OR	Coronary plaque burden, metabolomics and lipidomics abnormalities in subjects with epigenetic regulatory gene mutations	7/1/2018	9/30/2020	\$ 199,904	2
Transformational Project Award	Baconguis	Isabelle	Ph.D.	Oregon Health & Science University	Portland	OR	3D structure and function of epithelial sodium channels	7/1/2019	6/30/2022	\$ 299,999	3
Predoctoral Fellowship	Nguyen	Theanh		Oregon Health & Science University	Portland	OR	Inhibition of GPIIbalpha in Acute Coronary Syndromes	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Nelson	Jonathan	BS	Oregon Health & Science University	Portland	OR	Renal Pericytes as a Target for Angiotensin II Signaling in Hypertension	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Minson	Christopher	Ph.D.	University of Oregon	Eugene	OR	Targeting Hypertension and Insulin Resistance with Heat Therapy	7/1/2019	6/30/2022	\$ 300,000	3
Scientist Development Grant	Barber	Sharrelle	MPH, ScD	Drexel University	Philadelphia	PA	Examining Multilevel Social Predictors of Hypertension and Diabetes Control in the US and Brazil	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Schinasi	Leah	BA, PhD	Drexel University	Philadelphia	PA	Urban greenness, cardiovascular disease mortality, and the environmental pathways underlying this association	4/1/2019	3/31/2022	\$ 231,000	3
Predoctoral Fellowship	Chengappa	Pragati	BS, MS	Drexel University	Philadelphia	PA	High pressure 3D migration of cardiac fibroblasts through crosslinked matrices	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	Ramamurthi	Anand	PhD	Lehigh University	Bethlehem	PA	Matrix regenerative siRNA nanotherapeutics for small aneurysm repair	7/1/2019	6/30/2022	\$ 300,000	3
Strategically Focused PROJECT Go Red For Women Research Network	Catov	Janet	PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	The placenta as a window to maternal microvascular disease risk	4/1/2016	3/31/2020	\$ 1,135,350	4
Strategically Focused CENTER Go Red For Women Research Network	Hubel	Carl	BA, PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	Women's Cardiovascular Health and Microvascular Mechanisms: Novel Insights from Pregnancy	4/1/2016	3/31/2020	\$ 590,870	4
Strategically Focused PROJECT Go Red For Women Research Network	Hubel	Carl	BA, PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	Glycocalyx pathways linking pregnancy profile with microvascular dysfunction postpartum	4/1/2016	3/31/2020	\$ 1,070,545	4
Strategically Focused PROJECT Go Red For Women Research Network	Powers	Robert	BS, PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	The influence of pregnancy on future vascular dysfunction and atherosclerosis	4/1/2016	3/31/2020	\$ 912,435	4
Strategic Collaborative Grant	Catov	Janet	PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	Longitudinal epigenomic study of gestational diabetes mellitus and cardiac structure and function	7/1/2019	6/30/2021	\$ 249,819	2



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Strategic Renewal Grant	Powers	Robert	BS, PhD	Magee-Womens Research Institute & Foundation	Pittsburgh	PA	The Effects of Perinatal Stress-Related Mood Disorders on Cardiovascular Health	7/1/2020	6/30/2022	\$ 247,300	2
Strategic Collaborative Grant	Catov	Janet	PhD	Magee-Womens Research Institute and Foundation	Pittsburgh	PA	Mechanisms of Early and Late Postpartum Hypertension in Human Preeclampsia	7/1/2018	6/30/2020	\$ 275,408	2
AHA Institutional Research Enhancement Award	Davidson	Bradley	BA, PhD	Swarthmore College	Swarthmore	PA	Signal-dependent regulation of chordate heart gene networks	1/1/2020	12/31/2021	\$ 154,000	2
Established Investigator Award	Yu	Jun		Temple University	Philadelphia	PA	Novel role of dual-specificity phosphatase 10 in cardiovascular disease	1/1/2018	12/31/2022	\$ 400,000	5
Merit Award	Koch	Walter	PhD	Temple University	Philadelphia	PA	Decoding Novel Communication from Heart to Fat	4/1/2018	3/31/2023	\$ 1,000,000	5
Career Development Award	Garikipati	Venkata		Temple University	Philadelphia	PA	Role of CircRNAs in Ischemic Tissue Repair and Regeneration	8/1/2018	7/30/2021	\$ 231,000	3
Career Development Award	Pfleger	Jessica	BS, PhD	Temple University	Philadelphia	PA	The role of REDD1 in cardiac insulin sensitivity	6/1/2019	5/31/2022	\$ 231,000	3
Transformational Project Award	Rajan	Sudarsan	PhD	Temple University	Philadelphia	PA	Novel Insights into the Role of Mitochondrial Calcium in Regulating Cardiac Contractility	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Schena	Giana		Temple University	Philadelphia	PA	Mechanism of Action for the Beneficial Effects of Cortical Bone Stem Cells on the Heart after Myocardial Infarction	7/1/2019	6/30/2021	\$ 53,688	2
Postdoctoral Fellowship	Cimini	Maria	MSc, PhD	Temple University	Philadelphia	PA	Role of Podoplanin positive cells derived exosomes in cardiac fibrosis and angiogenesis	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Huang	Grace		Temple University	Philadelphia	PA	Epigenetic reprogramming of diabetic endothelial progenitor rescues their reparative properties	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Lin	Chih-Ru	Ph.D.	Temple University	Philadelphia	PA	Regulation of lung epithelium regeneration	1/1/2020	12/31/2021	\$ 139,336	2
Transformational Project Award	Cheng	Zhongjian	PhD	Temple University	Philadelphia	PA	Muscle-specific microRNA impairs angiogenesis and ischemic hindlimb repair in diabetes	1/1/2021	12/31/2023	\$ 300,000	3
Established Investigator Award	Elrod	John	Ph.D.	Temple University	Philadelphia	PA	Epigenetic landscape of myofibroblast formation and maintenance in disease	1/1/2021	12/31/2025	\$ 400,000	5
Transformational Project Award	Khan	Mohsin	PhD	Temple University	Philadelphia	PA	Circulating exosomes as modulators of cardiomyocyte growth and metabolism	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Sabri	Abdelkarim		Temple University	Philadelphia	PA	Olfm4 and cardiac repair post-myocardial infarction	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	poncz	morty	M.D.	The Children's Hospital of Philadelphia	Philadelphia	PA	Neutrophil extracellular trap compaction to prevent microvascular thrombosis and multisystem organ dysfunction in sepsis	7/1/2019	6/30/2022	\$ 300,000	3
Scientist Development Grant	Hao	Wenrui	PhD	The Pennsylvania State University	University Park	PA	Personalized diagnosis and prediction of atherosclerotic aneurysms via computational models	7/1/2017	6/30/2020	\$ 231,000	3



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Institutional Award for Undergraduate Student Training	Manning	Keefe	Ph.D.	The Pennsylvania State University	University Park	PA	Penn State Summer Translational Cardiovascular Sciences Institute (STCSI)	4/1/2018	3/31/2022	\$ 60,000	4
Innovative Project Award	Manning	Keefe	Ph.D.	The Pennsylvania State University	University Park	PA	Programmable Drug-Releasing Surface for Anti-thrombosis	7/1/2019	6/30/2021	\$ 200,000	2
Institutional Award for Undergraduate Student Training	Yengo	Christopher	PhD	The Pennsylvania State University College of Medicine	Hershey	PA	Penn State Hershey Undergraduate Student Fellowship Program in Cardiovascular Disease	4/1/2018	3/31/2022	\$ 60,000	4
Transformational Project Award	Jhun	Choon-sik	MS, PhD	The Pennsylvania State University College of Medicine	Hershey	PA	Degradation Mechanism of Multimeric Structure of von Willebrand Factor	1/1/2021	12/31/2023	\$ 300,000	3
Scientist Development Grant	Kim	Oleg		The Trustees of the University of Pennsylvania	Philadelphia	PA	Contraction of blood clots: structural, mechanical, and functional consequences	7/1/2017	9/30/2020	\$ 215,656	3
Career Development Award	Khoshnejad	Makan	Ph.D.	The Wistar Institute	Philadelphia	PA	DNA-encoded anti-atherogenic therapeutics for reducing LDL and inducing HDL biogenesis	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Rafiq	Khadija	PhD	Thomas Jefferson University	Philadelphia	PA	Cardioprotection by B cells in type 1 diabetes	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Fernandez Sanz	Celia	PhD	Thomas Jefferson University	Philadelphia	PA	DRP1 localization at the Sarcoplasmic Reticulum-Mitochondrial microdomains in murine heart. Resolving the Complexome	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Kazama	Kyosuke	DVM, PhD	Thomas Jefferson University	Philadelphia	PA	Targeting Latexin Signaling for Abdominal Aortic Aneurysm	1/1/2020	12/31/2021	\$ 139,336	2
Transformational Project Award	Goldfinger	Lawrence		Thomas Jefferson University	Philadelphia	PA	MicroRNA regulation of functional degradation in stored platelets.	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Wang	Yajing	MD	Thomas Jefferson University	Philadelphia	PA	Exosomes as New Mediator in Pathological Communication between Dysfunctional Adipocyte and Diabetic Heart	1/1/2021	12/31/2023	\$ 300,000	3
Fellow-to-Faculty Transition Award	Fanaroff	Alexander	MD	University of Pennsylvania	Philadelphia	PA	Understanding the implications of ICU utilization for stable NSTEMI patients	7/1/2017	6/30/2023	\$ 592,290	6
Merit Award	Fitzgerald	Garret	MD	University of Pennsylvania	Philadelphia	PA	Non-dipping Hypertension and the Human Chronobiome	7/1/2017	6/30/2022	\$ 1,000,000	5
Innovative Project Award	Fan	Yi	MD, PhD	University of Pennsylvania	Philadelphia	PA	Endothelial transformation drives non-productive neovascularization after myocardial infarction	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Bi	Xin	MBBS, PhD	University of Pennsylvania	Philadelphia	PA	Molecular mechanisms linking NUCLIR, a novel lipid- and CAD-associated gene, to lipid metabolism and atherosclerosis	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Favilla	Christopher	MD	University of Pennsylvania	Philadelphia	PA	Temporal Evolution of the Ischemic Penumbra by Multimodal Hemodynamic Monitoring	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Marcos-Contreras	Oscar Armando	PharmD, PhD	University of Pennsylvania	Philadelphia	PA	Cell specific targeted drug delivery to the inflamed brain	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Stalker	Timothy	Ph.D.	University of Pennsylvania	Philadelphia	PA	Thrombin spatial propagation during hemostasis and thrombosis in vivo	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Bone	William	BA	University of Pennsylvania	Philadelphia	PA	Leveraging genome-wide pleiotropy to improve cardiometabolic and neurological genetic association methods	1/1/2020	12/31/2021	\$ 62,032	2



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Postdoctoral Fellowship	Chen	Xiaowen		University of Pennsylvania	Philadelphia	PA	Lymphothrombosis in gut biology and disease	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Daly	Andrew	BSE, PhD	University of Pennsylvania	Philadelphia	PA	Engineered cardiac platforms to probe miRNA therapeutics	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Dierickx	Pieterjan	PhD	University of Pennsylvania	Philadelphia	PA	Cardiomyocyte-specific function of the circadian nuclear receptor REV-ERB	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Nataraj	Neha		University of Pennsylvania	Philadelphia	PA	Defining Mechanisms of Extrinsic Apoptosis in Human Macrophages	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Uman	Selen	BS, MSc	University of Pennsylvania	Philadelphia	PA	Minimally Invasive Delivery of Injectable Hydrogels in the Pericardial Space	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Choa	Ruth	BA, MS	University of Pennsylvania	Philadelphia	PA	The role of Thymic Stromal Lymphopoietin (TSLP) in regulation of white adipose function and protection from obesity	5/1/2020	4/30/2022	\$ 62,032	2
Career Development Award	Wang	Xiao	PhD	University of Pennsylvania	Philadelphia	PA	Studying the Cardioprotective Effects of Reducing MTSS1 in Model Systems	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Khatana	Sameed Ahmed	MD, MPH	University of Pennsylvania	Philadelphia	PA	Association of Health Insurance with Access to Cardiovascular Care	1/1/2021	12/31/2023	\$ 231,000	3
Established Investigator Award	Chan	Stephen	M.D., Ph.D.	University of Pittsburgh	Pittsburgh	PA	Defining the systems biology of the vascular matrix in pulmonary hypertension	1/1/2018	12/31/2022	\$ 400,000	5
Career Development Award	Corti	Paola		University of Pittsburgh	Pittsburgh	PA	Cytoglobin 2 signals in primary cilia and contributes to normal cardiac development.	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Han	Lu	BS, PhD	University of Pittsburgh	Pittsburgh	PA	LMNB2 determines heart muscle cell regeneration and protection through telomere-length homeostasis	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Kaufman	Brett	PhD	University of Pittsburgh	Pittsburgh	PA	Young at heart: How mitochondrial genome preservation promotes resilience against aging and heart attack-induced heart f	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Okubo	Masashi	M.D.	University of Pittsburgh	Pittsburgh	PA	The features of high-performing emergency-medical-services agencies on out-of-hospital cardiac arrest	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Sundd	Prithu	PhD, BSE	University of Pittsburgh	Pittsburgh	PA	Mechanism of platelet extracellular vesicle-mediated vaso-occlusion in Sickle Cell Disease	7/1/2018	6/30/2021	\$ 299,994	3
Transformational Project Award	Wagner	Amy	M.D.	University of Pittsburgh	Pittsburgh	PA	Dopamine Systems and Rehabilitation Treatments for Improving Neurorecovery among Cardiac Arrest Survivors	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Wu	Yijen		University of Pittsburgh	Pittsburgh	PA	Multi-modal Imaging Investigation of Cardio-Neural Development in a Mouse Model with Hypoplastic Left Heart Syndrome	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Liu	Ruya	MD PhD	University of Pittsburgh	Pittsburgh	PA	TEAD1 AS A NOVEL REGULATOR OF MITOCHONDRIAL FUNCTION IN CARDIOMYOCYTES	4/1/2019	3/31/2022	\$ 231,000	3
Established Investigator Award	Straub	Adam	PhD	University of Pittsburgh	Pittsburgh	PA	Iron Redox Regulation: Basic Mechanisms, Translational Implications and Strategies to Treat Cardiovascular Disease	4/1/2019	3/31/2024	\$ 400,000	5



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Postdoctoral Fellowship	Braganza	Andrea	BS, PhD	University of Pittsburgh	Pittsburgh	PA	Age-Related Decrease in Mitofusin 1 Results in Platelet Dysfunction and Thrombosis	7/1/2019	6/30/2021	\$ 110,456	2
Innovative Project Award	Chun	Youngjae	PhD	University of Pittsburgh	Pittsburgh	PA	Imperceptible, Nanostructured Electronic Stent for Wireless Surveillance of Restenosis in Coronary Artery Disease	7/1/2019	6/30/2021	\$ 200,000	2
Innovative Project Award	Dutta	Partha	PhD	University of Pittsburgh	Pittsburgh	PA	Hematopoietic stem and progenitor cell relocation and activation in the bone marrow after myocardial infarction	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Dutta	Partha	PhD	University of Pittsburgh	Pittsburgh	PA	The Role of endothelial cell-specific CX3CR1 in pulmonary hypertension	7/1/2019	6/30/2022	\$ 299,307	3
Transformational Project Award	Nyunoya	Toru	MD	University of Pittsburgh	Pittsburgh	PA	Molecular mechanisms of smoking-induced emphysema	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Wang	Qiming	Ph.D.	University of Pittsburgh	Pittsburgh	PA	Neuroprotective role of novel lncRNA-induced CaMKIIdelta in ischemic stroke	7/1/2019	9/30/2022	\$ 300,000	3
Predoctoral Fellowship	Behrangzade	Ali	MS	University of Pittsburgh	Pittsburgh	PA	Multiphysics optimization of an end-to-side anastomotic tissue engineered vascular graft-patch	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Sanatkhani	Soroosh	MSc	University of Pittsburgh	Pittsburgh	PA	Hemodynamics Indices and Shape-Based Models of Left Atrial Appendage to Enhance Stroke Prediction in Atrial Fibrillation	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Sun	Ping	PhD	University of Pittsburgh	Pittsburgh	PA	MicroRNA-15a/16-1 Cluster and Diabetic Stroke	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Vasamsetti	Sathish Babu	PhD	University of Pittsburgh	Pittsburgh	PA	Loss of visceral adipose tissue resident macrophages in heart failure-induced insulin resistance: Role of adiponectin	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Bondi	Corry	MS, PhD	University of Pittsburgh	Pittsburgh	PA	The role of MCP-1 in tubular-to-glomerular crosstalk in proteinuric kidney disease	4/1/2020	3/31/2022	\$ 135,352	2
Transformational Project Award	Barone Gibbs	Bethany	ScM, PhD	University of Pittsburgh	Pittsburgh	PA	Reducing sedentary behavior in pregnancy: a randomized pilot and feasibility trial	1/1/2021	12/31/2023	\$ 300,000	3
Innovative Project Award	Butterworth	Michael	PhD	University of Pittsburgh	Pittsburgh	PA	Monitoring microRNA function in living cells	1/1/2021	12/31/2022	\$ 200,000	2
Innovative Project Award	Gomez	Delphine	PhD	University of Pittsburgh	Pittsburgh	PA	Role of mechanotransduction in regulating vascular smooth muscle cell epigenetic programming	1/1/2021	12/31/2022	\$ 200,000	2
Career Development Award	Sidani	Jaime	MPH, PhD	University of Pittsburgh	Pittsburgh	PA	Feasibility Study of a Media Literacy Tobacco Prevention Program for High School Students	1/1/2021	12/31/2023	\$ 231,000	3
Innovative Project Award	St Hilaire	Cynthia	PhD	University of Pittsburgh	Pittsburgh	PA	NETs and Calcific Aortic Valve Disease	1/1/2021	12/31/2022	\$ 200,000	2
AHA Institutional Research Enhancement Award	Kolwicz	Stephen	PhD	Ursinus College	Collegeville	PA	The effects of ketogenic diets on cardiac metabolism and function	1/1/2020	12/31/2021	\$ 154,000	2
Transformational Project Award	COULOMBE	Kareen	PhD	Brown University	Providence	RI	Bioelectric Sutures for Electrical Integration of Engineered Cardiac Tissue in the Heart	7/1/2019	8/31/2022	\$ 300,000	3
Transformational Project Award	Liang	Olin		Rhode Island Hospital	Providence	RI	The role of endothelial to hematopoietic transition in the pathogenesis of pulmonary hypertension	7/1/2018	6/30/2021	\$ 300,000	3



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Career Development Award	Kalbaugh	Corey	PhD	Clemson University	Clemson	SC	Understanding and Addressing Racial Disparities in the Management of Peripheral Artery Disease	9/1/2019	8/31/2022	\$ 228,849	3
AHA Institutional Research Enhancement Award	Stamatikos	Alexis	PhD, RD	Clemson University	Clemson	SC	Atheroprotection from ABC-transporter expression in vascular smooth muscle cells	1/1/2020	12/31/2021	\$ 154,000	2
Collaborative Sciences Award	Lipschutz	Josh	MD	Medical University of South Carolina	Charleston	SC	Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease	7/1/2017	6/30/2020	\$ 200,000	3
Collaborative Sciences Award	Norris	Russell	PhD	Medical University of South Carolina	Charleston	SC	Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease	7/1/2017	6/30/2020	\$ 253,000	3
Transformational Project Award	Sugi	Yukiko	DVM, PhD	Medical University of South Carolina	Charleston	SC	Signaling interaction and regulation in AV valvuloseptal maturation	7/1/2018	6/30/2021	\$ 300,000	3
Transformational Project Award	Markwald	Roger	Ph.D	Medical University of South Carolina	Charleston	SC	Turning mechanisms of heart development into remedial therapies for heart valvuloseptal defects	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Norris	Russell	PhD	Medical University of South Carolina	Charleston	SC	Molecular and cellular causes of mitral valve prolapse	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Sato	Takashi	Ph.D.	Medical University of South Carolina	Charleston	SC	Neural circuit mechanisms underlying functional recovery following stroke	7/1/2019	6/30/2021	\$ 200,000	2
Strategic Renewal Grant	Del Monte	Federica		Medical University of South Carolina	Charleston	SC	Cardiac Tauopathy: a developmental cilia defect?	7/1/2020	6/30/2022	\$ 316,173	2
Innovative Project Award	Deleon-pennell	Kristine	PhD	Medical University of South Carolina	Charleston	SC	X inactivation regulates lymphocyte induced cardiac remodeling	1/1/2021	12/31/2022	\$ 199,978	2
Career Development Award	Lane-cordova	Abbi		University of South Carolina - USC	Columbia	SC	Renin angiotensin adosterone system components and vascular function in women after an adverse pregnancy outcome	7/1/2018	6/30/2021	\$ 231,000	3
Predoctoral Fellowship	Lewis	Allison	BA, PT	University of South Carolina - USC	Columbia	SC	Effects of social comparative feedback during practice on motor sequence learning and resting state connectivity	1/1/2020	3/31/2022	\$ 62,032	2
Transformational Project Award	Wang	Xuejun	PhD	University of South Dakota	Vermillion	SD	JAK1-STAT Pathway Promotes Cardiac Proteotoxicity	1/1/2021	12/31/2023	\$ 300,000	3
AHA Institutional Research Enhancement Award	Beaumont	Eric	PhD	East Tennessee State University	Johnson City	TN	Vagal nerve stimulation mitigates alteration of the intestinal environment to limit the progression of heart failure	7/1/2018	6/30/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Foster	Cerrone	BS, PhD	East Tennessee State University	Johnson City	TN	Estrogen Receptor Beta Signaling and Cardiac Protection from Chronic Beta Adrenergic Stimulation	1/1/2019	12/31/2020	\$ 153,962	2
Predoctoral Fellowship	Fan	Min	MSc	East Tennessee State University	Johnson City	TN	HSPA12B and YAP cooperatively regulate endothelial cell proliferation and angiogenesis after myocardial infarction.	1/1/2020	12/31/2021	\$ 62,032	2
AHA Institutional Research Enhancement Award	Yakubenko	Valentin	PhD	East Tennessee State University	Johnson City	TN	Targeting the product of DHA oxidation as potential substrate for macrophage retention during atherosclerosis	1/1/2020	12/31/2021	\$ 154,000	2



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AHA Institutional Research Enhancement Award	Pence	Brandt	Ph.D.	The University of Memphis	Memphis	TN	Glycolytic Metabolism and Cellular Function in Monocytes from Older Adults	4/1/2018	3/31/2020	\$ 154,000	2
Transformational Project Award	Pence	Brandt	Ph.D.	The University of Memphis	Memphis	TN	Mdivi-1 as an immunometabolic regulator to treat atherosclerosis	7/1/2019	6/30/2022	\$ 300,000	3
PROJECT Strategically Focused Children's Research Network	Dale	James B.		The University of Tennessee Health Science Center	Memphis	TN	Human Immunity to Potential Group A Streptococcal Vaccine Antigens in Subjects at High Risk for Rheumatic Heart Disease	7/1/2017	6/30/2021	\$ 1,026,084	4
Career Development Award	Kassan	Modar	PhD	The University of Tennessee Health Science Center	Memphis	TN	miR-204/Sirt1 axis induces endothelial dysfunction by targeting vascular serotonin in diabetes/obesity	7/1/2018	6/30/2021	\$ 231,000	3
Postdoctoral Fellowship	MacKay	Charles	Ph.D	The University of Tennessee Health Science Center	Memphis	TN	Blood pressure regulation by endothelial cell polycystin proteins	1/1/2020	12/31/2021	\$ 131,356	2
Transformational Project Award	Johnson	Rajasingh	PhD	The University of Tennessee Health Science Center	Memphis	TN	Selective Inhibition of HDAC6 Attenuates Angiotensin-II Induced Cardiac Hypertrophy by Suppressing Autophagy	1/1/2021	12/31/2023	\$ 300,000	3
PROJECT Strategically Focused Vascular Disease Research Network	WASSERMAN	David	PhD	Vanderbilt University	Nashville	TN	The Link between Microcirculatory Dysfunction and Skeletal Muscle Insulin Resistance	4/1/2018	3/31/2022	\$ 896,836	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	MURRAY	Katherine	BS	Vanderbilt University	Nashville	TN	Murray Basic Project: Reactive lipid metabolites as mediators of AF susceptibility in clinical and genetic risk models	7/1/2018	6/30/2022	\$ 1,212,724	4
Predoctoral Fellowship	Palumbos	Sierra	BA	Vanderbilt University	Nashville	TN	A transcriptionally-regulated G-protein signaling pathway directs assembly of neuron-specific gap junctions	6/1/2019	5/31/2021	\$ 53,688	2
Innovative Project Award	Hasty	Alyssa		Vanderbilt University	Nashville	TN	Genetic Barcoding to Deconvolute T Cell Clonal Expansion in Obesity	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	OConnor	James		Vanderbilt University	Nashville	TN	Calcium signaling dynamics in the early response to wounds	7/1/2019	6/30/2021	\$ 53,688	2
Predoctoral Fellowship	Abraham	Abin		Vanderbilt University	Nashville	TN	Leveraging large biobanks to refine the relationship of hypertensive disorders in pregnancy and cardiovascular disease	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Ameka	Magdalene	BSC, PhD	Vanderbilt University	Nashville	TN	Macrophage iron handling and the development of obesity and insulin resistance	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Li	Bian	Ph.D.	Vanderbilt University	Nashville	TN	Biophysical Insights into and Probabilistic Interpretation of Cardiac Ion Channel Variants of Uncertain Significance	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Muhammad	Ayesha	BS	Vanderbilt University	Nashville	TN	From QT GWAS to mechanism: testing the role of S-nitrosylation in cardiac repolarization	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Smart	Charles		Vanderbilt University	Nashville	TN	Interleukin-21 and endothelial dysfunction in hypertension	1/1/2020	12/31/2021	\$ 62,032	2



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Postdoctoral Fellowship	Caslin	Heather		Vanderbilt University	Nashville	TN	The Influence of Trained Innate Immunity on Macrophages in Metabolic Disease	7/1/2020	6/30/2022	\$ 128,836	2
Fellow-to-Faculty Transition Award	Mosley	Jonathan	BS, MD PhD	Vanderbilt University Medical Center	Nashville	TN	Delineating epidemiological and genetic factors associated with cardiac diastolic dysfunction	7/1/2016	6/30/2021	\$ 593,000	5
Strategically Focused PROJECT Obesity Research Network	Cox	Nancy		Vanderbilt University Medical Center	Nashville	TN	Genome and Phenome Studies on Obesity and CVD to Dissect GLP1R Mechanism	4/1/2017	3/31/2021	\$ 547,208	4
Strategically Focused PROJECT Obesity Research Network	Luther	James	MD, MSc	Vanderbilt University Medical Center	Nashville	TN	Vascular effects of GLP-1 receptor activation	4/1/2017	3/31/2021	\$ 1,774,495	4
Strategically Focused CENTER Obesity Research Network	Niswender	Kevin	M.D., Ph.D.	Vanderbilt University Medical Center	Nashville	TN	Toward Obesity Precision Medicine: Promise of the Glucagon-Like Peptide 1 Receptor	4/1/2017	3/31/2021	\$ 611,015	4
Strategically Focused PROJECT Obesity Research Network	Niswender	Kevin	M.D., Ph.D.	Vanderbilt University Medical Center	Nashville	TN	Glucagon-like peptide-1 receptor and cardiometabolic health	4/1/2017	3/31/2021	\$ 776,482	4
Fellow-to-Faculty Transition Award	Doran	Amanda	MD	Vanderbilt University Medical Center	Nashville	TN	A Novel Multifunctional Role for CaMKIIg in Advanced Atherosclerosis	7/1/2017	9/30/2022	\$ 593,000	5
CENTER Strategically Focused Vascular Disease Research Network	Beckman	Joshua	MD, MS	Vanderbilt University Medical Center	Nashville	TN	Microcirculatory Disease Determines Limb Outcomes in PAD	4/1/2018	3/31/2022	\$ 509,946	4
PROJECT Strategically Focused Vascular Disease Research Network	Beckman	Joshua	MD, MS	Vanderbilt University Medical Center	Nashville	TN	The Impact of Branched-Chain Amino Acids Metabolism on Limb Dysfunction in PAD	4/1/2018	3/31/2022	\$ 1,289,633	4
PROJECT Strategically Focused Vascular Disease Research Network	Freiberg	Matthew	MD	Vanderbilt University Medical Center	Nashville	TN	Clinical and genetic determinants of peripheral artery disease, microvascular disease, and major adverse limb outcomes	4/1/2018	3/31/2022	\$ 1,012,785	4
Innovative Project Award	Allen	Ryan	PhD	Vanderbilt University Medical Center	Nashville	TN	A Novel Paradigm for LDL-Associated Extracellular Small RNA in the Pathogenesis of Atherosclerosis	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Crescenzi	Rachelle	PhD	Vanderbilt University Medical Center	Nashville	TN	Visualizing Vascular Mechanisms of Salt Sensitivity	7/1/2018	6/30/2021	\$ 231,000	3
PROJECT Strategically Focused Atrial Fibrillation Research Network	Michaud	Gregory	MD	Vanderbilt University Medical Center	Nashville	TN	Michaud Clinical Project: A first-in-AF trial of a reactive lipid metabolite scavenger	7/1/2018	6/30/2022	\$ 970,382	4



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CENTER Strategically Focused Atrial Fibrillation Research Network	Roden	Dan	MD	Vanderbilt University Medical Center	Nashville	TN	A novel molecular target in atrial fibrillation	7/1/2018	6/30/2022	\$ 580,800	4
PROJECT Strategically Focused Atrial Fibrillation Research Network	Roden	Dan	MD	Vanderbilt University Medical Center	Nashville	TN	Roden Population Project: Identifying AF subtypes driven by inflammation	7/1/2018	6/30/2022	\$ 945,294	4
Innovative Project Award	Shibao	Cyndya	M.D.	Vanderbilt University Medical Center	Nashville	TN	Orthostatic Intolerance after Bariatric Surgery	7/1/2018	6/30/2020	\$ 200,000	2
Collaborative Sciences Award	Wells	Quinn	BS,PharmD	Vanderbilt University Medical Center	Nashville	TN	Identification of Genetic Variants Associated with Anthracycline-related Cardiotoxicity	7/1/2018	6/30/2021	\$ 374,999	3
Career Development Award	Allen	Ryan	PhD	Vanderbilt University Medical Center	Nashville	TN	The Role of VLDL-trafficked Small RNAs in Metabolic Disease	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Bottinor	Wendy	MD	Vanderbilt University Medical Center	Nashville	TN	Early Detection of Cardiovascular Disease in Childhood Cancer Survivors	4/1/2019	6/30/2022	\$ 231,000	3
Established Investigator Award	Madhur	Meenakshi	MD PhD	Vanderbilt University Medical Center	Nashville	TN	Defining Novel Inflammatory Pathways in Hypertension and Aortic Dissection	4/1/2019	3/31/2024	\$ 400,000	5
Transformational Project Award	Collins	Sheila	BS, PhD	Vanderbilt University Medical Center	Nashville	TN	Natriuretic peptide receptor heterodimers: new mechanism with paradigm shifting implications	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Crescenzi	Rachelle	PhD	Vanderbilt University Medical Center	Nashville	TN	Magnetic Resonance Imaging tools to explore lymphatic clearance of tissue sodium	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Dey	Swati	PhD	Vanderbilt University Medical Center	Nashville	TN	Transforming sympathetic nerves to parasympathetic in vivo prevents sudden death in males and females with heart failure	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Dikalova	Anna	PhD	Vanderbilt University Medical Center	Nashville	TN	Targeting Sirt3 Expression in Vascular Dysfunction and Hypertension	7/1/2019	6/30/2022	\$ 300,000	3
CENTER Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Knollmann	Bjorn	M.D. Ph.D.	Vanderbilt University Medical Center	Nashville	TN	Targeting intracellular calcium leak for ventricular arrhythmia prevention in structural heart disease	7/1/2019	6/30/2023	\$ 580,800	4
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Knollmann	Bjorn	M.D. Ph.D.	Vanderbilt University Medical Center	Nashville	TN	The mechanistic role of RyR2 hyperactivity for ventricular arrhythmia in animal models of structural heart disease	7/1/2019	6/30/2023	\$ 1,042,800	4
Innovative Project Award	Madhur	Meenakshi	MD PhD	Vanderbilt University Medical Center	Nashville	TN	Using CITE-Seq and Mendelian Randomization to Identify Novel Inflammatory Mediators of Heart Failure with Preserved Ejec	7/1/2019	6/30/2021	\$ 200,000	2



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PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Stevenson	William	MD	Vanderbilt University Medical Center	Nashville	TN	A Clinical Trial of RyR2 Inhibition to Prevent Ventricular Arrhythmias in Patients with Structural Heart Disease	7/1/2019	6/30/2023	\$ 1,108,474	4
Transformational Project Award	Van Kaer	Luc	PhD	Vanderbilt University Medical Center	Nashville	TN	Targeting IL-10-producing B cells in cardiac adipose tissues to improve the outcome of acute myocardial infarction	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Akwo	Elvis	MD PhD, MS	Vanderbilt University Medical Center	Nashville	TN	Using genomics to advance precision medicine for resistant hypertension and examine disparities in cardiovascular health	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Taguchi	Kensei	MD PhD, PhD	Vanderbilt University Medical Center	Nashville	TN	CDK5 regulates mitochondrial dysfunction and fibrosis progression in chronic kidney disease	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Zhentao	Zhang	PhD, BS	Vanderbilt University Medical Center	Nashville	TN	Developing an Intravenous Global Reprogramming Approach for Heart Repair	1/1/2020	12/31/2021	\$ 139,336	2
Strategic Collaborative Grant	Lubitz	Steven	MD	Vanderbilt University Medical Center	Nashville	TN	Defining the Cardiac Phenotype and Clinical Outcomes for Genetic Subtypes of Atrial Fibrillation	7/1/2020	6/30/2022	\$ 118,246	2
Strategic Collaborative Grant	Murray	Katherine	BS, MD	Vanderbilt University Medical Center	Nashville	TN	Novel reactive lipid mediators underlie the emergence of AF triggers in the posterior left atrium	7/1/2020	6/30/2022	\$ 180,000	2
Strategic Collaborative Grant	Roden	Dan	MD	Vanderbilt University Medical Center	Nashville	TN	Defining the Cardiac Phenotype and Clinical Outcomes for Genetic Subtypes of Atrial Fibrillation	7/1/2020	6/30/2022	\$ 162,904	2
Strategic Collaborative Grant	Shoemaker	Ben	MD, MSc	Vanderbilt University Medical Center	Nashville	TN	DETERMINATION OF RADIOGENOMIC MARKERS FOR PREDICTION OF ATRIAL FIBRILLATION RISK AND ABLATION OUTCOMES	7/1/2020	6/30/2022	\$ 152,406	2
Career Development Award	Agrawal	Vineet	MD	Vanderbilt University Medical Center	Nashville	TN	A Pathogenic Role for Natriuretic Peptide Receptor C in PH and HFpEF	1/1/2021	12/31/2023	\$ 231,000	3
Collaborative Sciences Award	Brown	Jonathan	MD	Vanderbilt University Medical Center	Nashville	TN	DNA Base Editing as a Therapeutic Strategy in Hutchinson-Gilford Progeria Syndrome	1/1/2021	12/31/2023	\$ 629,999	3
Innovative Project Award	Major	Amy	PhD	Vanderbilt University Medical Center	Nashville	TN	In vivo genetic screening to target CD4 T cell metabolism in atherosclerosis	1/1/2021	12/31/2022	\$ 200,000	2
PROJECT Strategically Focused Vascular Disease Research Network	Lemaire	Scott	MD	Baylor College of Medicine	Houston	TX	Molecular signature of sex chromosome genes associated with sex-dependent susceptibility to ascending aortic aneurysms	4/1/2018	3/31/2022	\$ 1,097,800	4
Career Development Award	Antar	Alli	BS, PhD	Baylor College of Medicine	Houston	TX	Dissecting the Role of ChREBP in Brown Adipose Tissue	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Tong	Qiang	Ph.D.	Baylor College of Medicine	Houston	TX	Metabolic Regulation by Transcription Factor PU.1	7/1/2018	6/30/2021	\$ 300,000	3



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Career Development Award	Aiba	Isamu	PhD	Baylor College of Medicine	Houston	TX	Neurogenic mechanism of parasympathetic cardiac arrhythmias and sudden death	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Kim	Kangho	PhD	Baylor College of Medicine	Houston	TX	Metabolic Benefits of New Bile Acid Targets	4/1/2019	3/31/2022	\$ 231,000	3
Collaborative Sciences Award	Ghaghada	Ketan	Ph.D.,M.S.,B.E	Baylor College of Medicine	Houston	TX	Early Detection of Aortic Degeneration Using Nanoparticle Contrast-enhanced CT Imaging	7/1/2019	6/30/2022	\$ 378,347	3
Collaborative Sciences Award	Lemaire	Scott A		Baylor College of Medicine	Houston	TX	Early Detection of Aortic Degeneration Using Nanoparticle Contrast-enhanced CT Imaging	7/1/2019	6/30/2022	\$ 185,800	3
Collaborative Sciences Award	Shen	Ying H		Baylor College of Medicine	Houston	TX	Early Detection of Aortic Degeneration Using Nanoparticle Contrast-enhanced CT Imaging	7/1/2019	6/30/2022	\$ 185,800	3
Postdoctoral Fellowship	He	Yang	PhD	Baylor College of Medicine	Houston	TX	Inhibition of serotonin 2C receptor internalization potentiates lorcaserin effect on body weight loss	1/1/2020	12/31/2021	\$ 128,836	2
Predoctoral Fellowship	Hunt	Patrick	BS	Baylor College of Medicine	Houston	TX	Investigating the role of co-transmission in feeding circuitry	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award	Alves Bezerra	Michele	PhD	Baylor College of Medicine	Houston	TX	Acyl-CoA-mediated regulation of lipid homeostasis	7/1/2020	6/30/2023	\$ 231,000	3
Institutional Award for Undergraduate Student Training	Grande-Allen	Kathryn	Ph.D.	Rice University	Houston	TX	Summer Cardiovascular Research Internship Program	1/1/2020	12/31/2023	\$ 60,000	4
Predoctoral Fellowship	Zhu	Amadeus		Rice University	Houston	TX	A tissue engineered model of mitral valve fibrosis in functional mitral regurgitation	7/1/2020	6/30/2022	\$ 62,032	2
Transformational Project Award	Trache	Andreea	PhD	Texas A&M University	College Station	TX	Cytoskeleton remodeling regulates contractile function and mechanosensing in vascular smooth muscle	7/1/2018	6/30/2021	\$ 300,000	3
Innovative Project Award	Rivera	Gonzalo		Texas A&M University	College Station	TX	Regulation of the endothelial translome by arterial stiffening in atherosclerosis	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Chang	Jiang	MD	Texas A&M University Health Science Center	College Station	TX	Rho signaling in the development and treatment of myocardial infarction complication	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Mitchell	Brett	PhD	Texas A&M University Health Science Center	College Station	TX	Determining how microbiota-derived tryptophan metabolites regulate lymphocyte function in hypertension	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Peng	Xu	MS, MD PhD	Texas A&M University Health Science Center	College Station	TX	Role and Molecular Mechanisms of Cdc42 in Lymphatic valve formation	7/1/2019	6/30/2022	\$ 300,000	3
AHA Institutional Research Enhancement Award	Lemanski	Larry	PhD	Texas A&M University-Commerce	Commerce	TX	Human RNA that Converts iPS Cells and Fibroblasts into Cardiac Myocytes	7/1/2019	6/30/2021	\$ 154,000	2
Scientist Development Grant	Heallen	Todd	BA, PhD	Texas Heart Institute	Houston	TX	Hippo Signaling and Mitophagy in Cardiomyocyte Renewal	7/1/2016	6/30/2020	\$ 308,000	4
Transformational Project Award	wang	jun		Texas Heart Institute	Houston	TX	Role of SUMO-2/3 in cardiac remodeling	7/1/2018	6/30/2021	\$ 300,000	3



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AHA Institutional Research Enhancement Award	Keyel	Peter	PhD	Texas Tech University	Lubbock	TX	Browning white adipose tissue inhibits atherosclerosis development	6/1/2019	11/30/2021	\$ 154,000	2
Innovative Project Award	Gonzales	Joaquin	PhD	Texas Tech University	Lubbock	TX	Effect of Pulsatile Pressure and Long Sleep Duration on Cerebral Vascular Function	7/1/2019	6/30/2021	\$ 197,451	2
AHA Institutional Research Enhancement Award	Moustaid-Moussa	Naima	Ph.D.	Texas Tech University	Lubbock	TX	Microbiome mediated anti-obesity and anti-inflammatory effects of eicosapentaenoic acid and curcumin	7/1/2019	6/30/2021	\$ 154,000	2
AHA Institutional Research Enhancement Award	Hegde	Vijay		Texas Tech University	Lubbock	TX	A novel approach to reduce excess liver fat and cardiovascular disease risk factors	1/1/2020	12/31/2021	\$ 154,000	2
Scientist Development Grant	Meng	Shu	MD PhD	The Methodist Hospital Research Institute	Houston	TX	Transdifferentiation of fibroblasts to endothelial cells contributes to angiogenesis- Role of TLR3 signaling	7/1/2017	9/30/2020	\$ 231,000	3
Transformational Project Award	Fang	Longhou	PhD	The Methodist Hospital Research Institute	Houston	TX	AIBP-REGULATED HEMATOPOIESIS IN DEVELOPMENT AND CARDIOVASCULAR DISEASE	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Kim	Jun-dae	Ph.D.	The Methodist Hospital Research Institute	Houston	TX	ERK5/MAPK7 Function in Lymphatic Vessel Development	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Altamirano	Francisco	BSC, PhD	The Methodist Hospital Research Institute	Houston	TX	Polycystin-1-dependent governance of cardiomyocyte hypertrophy via potassium channel control	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Amirthalingam Thandavarayan	Rajarajan	PhD	The Methodist Hospital Research Institute	Houston	TX	Role of Sirtuin 6 in mesenchymal stem cell-mediated regeneration in diabetic ischemic heart	7/1/2019	9/30/2022	\$ 300,000	3
Innovative Project Award	Blanco	Elvin	Ph.D.	The Methodist Hospital Research Institute	Houston	TX	Mitochondrial transplantation as a strategy to metabolically reprogram macrophages in atherosclerotic lesions	7/1/2019	6/30/2021	\$ 200,000	2
Transformational Project Award	Pownall	Henry	BS, PhD	The Methodist Hospital Research Institute	Houston	TX	The role of steroid receptor coactivator-2 in coordinating stress-activated angiogenesis in the myocardium	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Kriss	Crystina	PhD	The Methodist Hospital Research Institute	Houston	TX	A NOVEL HISTONE MODIFICATION MEDIATES DNA ACCESSIBILITY: ROLE OF INOS	1/1/2020	12/31/2021	\$ 128,836	2
Career Development Award	Kiss	Daniel	Ph.D.	The Methodist Hospital Research Institute	Houston	TX	Cytoplasmic capping driven gene expression changes during acute oxidative stress	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Xing	Junji	Ph.D.	The Methodist Hospital Research Institute	Houston	TX	Targeting novel checkpoint regulator to control viral myocarditis	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Lee	Juhyun		The University of Texas at Arlington	Arlington	TX	Investigating biomechanical effects of hemodynamics and myocardial contractility on the development of trabeculation	7/1/2018	6/30/2021	\$ 231,000	3
Predocctoral Fellowship	Stephens	Brandi	BA	The University of Texas at Arlington	Arlington	TX	Sympathetic Vascular Transduction: Racial Differences and the Role of Sex Hormones	1/1/2020	12/31/2021	\$ 62,032	2



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Career Development Award	Rausch	Manuel	Ph.D.	The University of Texas at Austin	Austin	TX	Toward Optimal Tricuspid Annuloplasty: Combining a Beating Human Heart Model, Tissue Characterization, and Simulation.	7/1/2018	6/30/2021	\$ 231,000	3
Collaborative Sciences Award	Qin	Zhenpeng	Ph.D.	The University of Texas at Dallas	Richardson	TX	Optically Modulation of Blood-Brain Barrier Tight Junctions by Molecular Hyperthermia	7/1/2019	6/30/2022	\$ 340,494	3
Scientist Development Grant	Otto	Marcia	PhD	The University of Texas Health Science Center at Houston	Houston	TX	Everything in moderation? Dietary diversity, diet quality and cardiovascular health	7/1/2017	6/30/2020	\$ 230,877	3
Scientist Development Grant	Yu	Bing	MB	The University of Texas Health Science Center at Houston	Houston	TX	The Application of Genomics and Metabolomics on Coronary Heart Disease Risk Prediction	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Baker	Mariah	Ph.D.	The University of Texas Health Science Center at Houston	Houston	TX	Structural Basis for Phospho-Regulation of IP3R channel	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	De Vries	Paul	MSc, PhD	The University of Texas Health Science Center at Houston	Houston	TX	Genomic discoveries for understanding and predicting coronary heart disease incident and prognosis	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Karmouty-Quintana	Harry	Ph.D.	The University of Texas Health Science Center at Houston	Houston	TX	Ex-Vivo Lung Perfusion in Acute Lung Injury	7/1/2018	6/30/2020	\$ 200,000	2
Career Development Award	Thankamani Pandit	Peeyush	PhD	The University of Texas Health Science Center at Houston	Houston	TX	Epigenetic modulation of Wnt target genes in endothelial cells as treatment for cerebrovascular disease	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	ZHENG	Lei	Ph.D.	The University of Texas Health Science Center at Houston	Houston	TX	Elucidating structural basis of sodium/calcium exchanger NCX essential for cardiac contractability	7/1/2018	6/30/2021	\$ 300,000	3
Merit Award	Milewicz	Dianna	MD, PhD	The University of Texas Health Science Center at Houston	Houston	TX	Molecular Pathogenesis of Occlusive Cerebrovascular Disease Resulting from ACTA2 Mutations	1/1/2019	12/31/2023	\$ 1,000,000	5
Transformational Project Award	Du	Guangwei		The University of Texas Health Science Center at Houston	Houston	TX	A role of PLD1 in the trafficking of low-density lipoprotein cholesterol to lysosomes in macrophages	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Govindarajan	Vijay	PhD	The University of Texas Health Science Center at Houston	Houston	TX	A Novel Surgical Planning Strategy for Optimal Mitral Intervention	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Zhang	Kai	PhD	The University of Texas Health Science Center at Houston	Houston	TX	Urban Exposome and Cardiovascular Health in the CARDIA Longitudinal Study	7/1/2019	6/30/2022	\$ 300,000	3
Career Development Award	Tomilin	Viktor	MS, PhD	The University of Texas Health Science Center at Houston	Houston	TX	Importance of collecting duct ClC-Kb/2 channel for urinary electrolyte excretion	11/1/2019	10/31/2022	\$ 231,000	3
AHA Institute for Precision Cardiovascular Medicine Grand Challenge Award	Tao	Cui	PhD	The University of Texas Health Science Center at Houston	Houston	TX	AI-aided Personalization on Dual Antiplatelet Therapy Duration for Patients Underwent Coronary Stent Implantation	12/1/2019	11/30/2023	\$ 998,283	4
Institutional Award for Undergraduate Student Training	McCullough	Louise	MD, PHD	The University of Texas Health Science Center at Houston	Houston	TX	BRAINS Research Summer Camp	1/1/2020	12/31/2023	\$ 60,000	4



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Merit Award	McCullough	Louise	MD, PHD	The University of Texas Health Science Center at Houston	Houston	TX	Maternal Factors Influencing Trans-Generational Stroke Risk	1/1/2020	12/31/2024	\$ 1,000,000	5
Career Development Award	Manwani	Bharti		The University of Texas Health Science Center at Houston	Houston	TX	Sex Differences in Cardio-embolic strokes: The triad of Arrhythmogenesis, Thrombosis and Inflammation	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Cheng	Xiaodong	Ph.D.	The University of Texas Health Science Center at Houston	Houston	TX	Epac1 promotes foam cell formation and is a therapeutic target for atherosclerosis	1/1/2021	12/31/2023	\$ 300,000	3
Career Development Award	Marreddy	Sirisha	MSc	The University of Texas Health Science Center at Houston	Houston	TX	Genetic Ablation of Tbk1, a key regulator of DNA Damage Response, in Lamin A/C associated dilated cardiomyopathy	1/1/2021	12/31/2023	\$ 231,000	3
Transformational Project Award	Narkar	Vihang	BS	The University of Texas Health Science Center at Houston	Houston	TX	Regulation of angiogenesis by endothelial ERR-alpha signaling	1/1/2021	12/31/2023	\$ 300,000	3
Established Investigator Award	Pochynyuk	Oleh	PhD	The University of Texas Health Science Center at Houston	Houston	TX	Role of Cl- transport in the collecting duct in blood pressure control and acid-base balance	1/1/2021	12/31/2025	\$ 400,000	5
Career Development Award	Kwartler	Callie	PhD	The University of Texas Health Science Center at Houston	Houston	TX	The role of the INO80 chromatin remodeling complex in development of vascular smooth muscle cells	3/1/2021	2/29/2024	\$ 231,000	3
Predoctoral Fellowship	Dorigatti	Jonathan		The University of Texas Health Science Center at San Antonio	San Antonio	TX	Beta-Guanidinopropionic acid as an Intervention Targeting Health-span	5/1/2019	4/30/2021	\$ 53,688	2
Postdoctoral Fellowship	Archer	Crystal	MS, PhD	The University of Texas Health Science Center at San Antonio	San Antonio	TX	Structure-function analysis of phospholipid regulation of ENaC	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	BRACKLEY	Allison	Ph.D.	The University of Texas Health Science Center at San Antonio	San Antonio	TX	Opioid-Induced Respiratory Depression: Unexpected Adaptations to the Hypothalamic Paraventricular Nucleus	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Espinoza Ornelas	Liliana	BS	The University of Texas Health Science Center at San Antonio	San Antonio	TX	High Fat Diet-Induced Vagal Circuitry Plasticity: A Novel Mechanism of Cardiovascular Disease	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Pathirana	Ruvini	PhD	The University of Texas Health Science Center at San Antonio	San Antonio	TX	Translational Regulation of Candida albicans Biofilm Formation and Pathogenicity	1/1/2020	12/31/2021	\$ 131,356	2
Postdoctoral Fellowship	Vigil	Fabio	MSc, PhD	The University of Texas Health Science Center at San Antonio	San Antonio	TX	Preclinical and mechanistic study of the beneficial effects of M-current increase after a traumatic brain injury	1/1/2020	12/31/2021	\$ 135,352	2
Strategic Renewal Grant	Kayed	Rakez	PhD	The University of Texas Medical Branch at Galveston	Galveston	TX	Cardiac Tauopathy: a developmental cilia defect?	7/1/2020	6/30/2022	\$ 172,727	2
Transformational Project Award	Kuyumcu-martinez	Muge	PhD	The University of Texas Medical Branch at Galveston	Galveston	TX	RNA regulatory networks in normal and diseased hearts	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Li	Qingjie	Ph.D.	The University of Texas Medical Branch at Galveston	Galveston	TX	Mechanistic elucidation of the gut-heart crosstalk in inflammatory bowel disease	1/1/2021	12/31/2023	\$ 300,000	3



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Innovative Project Award	Liu	Yu	MSC, MD PhD	University of Houston	Houston	TX	Super-lncRNA/super-enhancer interaction is a novel mechanism in regulating cardiac cell fate	7/1/2018	6/30/2020	\$ 200,000	2
AHA Institutional Research Enhancement Award	McConnell	Bradley	PhD	University of Houston	Houston	TX	Gravin Signalosome Mediates Cardiac Signaling and Transcriptome Variation in Heart Failure	7/1/2018	12/31/2020	\$ 154,000	3
Collaborative Sciences Award	Romero-Ortega	Mario	PhD	University of Houston	Houston	TX	Miniature Wireless Neuromodulation for the Treatment of Hypertension	7/1/2018	6/30/2021	\$ 561,165	3
AHA Institutional Research Enhancement Award	Koka	Sai	PhD	University of Houston	Houston	TX	Role of Trimethylamine-N-Oxide (TMAO) in endothelial and vascular injury.	1/1/2019	12/31/2020	\$ 154,000	2
Transformational Project Award	Wu	Mingfu	BS, PhD	University of Houston	Houston	TX	Integrin alpha 6 regulates trabecular specification and trabecular compaction	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Rickards	Caroline		University of North Texas Health Science Center at Fort Worth	Fort Worth	TX	Phase II: A novel approach for improving cerebral tissue blood flow and oxygenation via pulsatile perfusion therapy	7/1/2019	6/30/2022	\$ 299,678	3
Postdoctoral Fellowship	Chaudhari	Sarika	MBBS, MD PhD	University of North Texas Health Science Center at Fort Worth	Fort Worth	TX	Store-Operated Calcium Entry in Mesangial Cells Suppresses Renal Inflammation and Injury in Diabetic Nephropathy	1/1/2020	4/30/2022	\$ 131,356	2
Predoctoral Fellowship	Anderson	Garen	BS, MS	University of North Texas Health Science Center at Fort Worth	Fort Worth	TX	Hemodynamic Oscillations and Protection of Cerebral Tissue Oxygenation	5/1/2020	4/30/2022	\$ 62,032	2
Transformational Project Award	Ma	Rong	PhD	University of North Texas Health Science Center at Fort Worth	Fort Worth	TX	A new mechanism for glomerular hyperfiltration at early stage of renal microvascular complication of diabetes mellitus	1/1/2021	12/31/2023	\$ 300,000	3
Covid-19 Rapid Response	prasad	anand	M.D.	University of Texas Health Science Center at San Antonio (UT Health San Antonio)	San Antonio	TX	SARS-CoV-2 Infection (COVID-19) and the Development of Cardiac Dysfunction	10/1/2020	9/30/2021	\$ 100,000	1
Collaborative Sciences Award	Smith	Scott	PhD	University of Texas Southwestern Medical Center	Dallas	TX	Miniature Wireless Neuromodulation for the Treatment of Hypertension	7/1/2018	6/30/2021	\$ 63,166	3
Collaborative Sciences Award	Vongpatanasin	Wanpen	MD	University of Texas Southwestern Medical Center	Dallas	TX	Miniature Wireless Neuromodulation for the Treatment of Hypertension	7/1/2018	6/30/2021	\$ 63,166	3
Scientist Development Grant	Reese	Tiffany	Ph.D.	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Inflammation, Gamma-Herpesvirus Reactivation and Lipid Homeostasis	7/1/2017	6/30/2020	\$ 231,000	3
Career Development Award	Goss	Kara	MD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Impaired Cardiac Functional and Metabolic Efficiency in Young Adults Born Preterm	7/1/2018	6/30/2021	\$ 231,000	3
Transformational Project Award	Lu	Christopher		University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Mitochondrial Anti-Viral Signaling Protein (MAVS), Reactive Oxygen Species, & Progressive Chronic Kidney Disease	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Shao	Mengle	PhD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Mural cell HIF1alpha in the control of adipose tissue remodeling in obestiy	4/1/2019	3/31/2022	\$ 231,000	3



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Transformational Project Award	Hill	Joseph	M.D., Ph.D.	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Heart Failure with Preserved Ejection Fraction (HFpEF): Translational Pharmacotherapy	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Liu	Zhiping	Ph.D.	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Mechanism of activation of histone lysine demethylase in pathological cardiac remodeling	7/1/2019	6/30/2022	\$ 300,000	3
Transformational Project Award	Rothermel	Beverly	Ph.D.	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Circadian cycling of cardiac mitochondrial dynamics	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Wang	Zhao	PhD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Chimeric RNA in pathological cardiac remodeling	7/1/2019	6/30/2021	\$ 200,000	2
AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML Training Grant	Zhang	Erlei		University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Developing An Artificial Intelligence Based Radiotherapy Cardiotoxicity Analysis Platform	12/1/2019	11/30/2021	\$ 100,000	2
Postdoctoral Fellowship	Elhelaly	Waleed	MS, MD PhD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	ROLE OF MLF1 IN HEART REGENERATION	1/1/2020	12/31/2021	\$ 139,336	2
Postdoctoral Fellowship	Kim	Jeong Joo	MS, PhD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Modulation of inhibitory neurotransmission by general anesthetics	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Wang	Xiaoding	MD PhD	University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Role of de novo pyrimidine biosynthesis in pressure overload-induced cardiac hypertrophy and heart failure	1/1/2020	12/31/2021	\$ 128,836	2
Innovative Project Award	Munshi	Nikhil		University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Measuring Metabolic Flux in Human Dilated Cardiomyopathy	1/1/2021	12/31/2022	\$ 199,998	2
Innovative Project Award	Zia	Ayesha		University of Texas Southwestern Medical Center at Dallas	Dallas	TX	Functional Characterization of Children with Chronic Thromboembolic Disease	5/1/2021	4/30/2023	\$ 198,353	2
Collaborative Sciences Award	Hayenga	Heather Naomi		University of Texas, Dallas	Richardson	TX	Optically Modulation of Blood-Brain Barrier Tight Junctions by Molecular Hyperthermia	7/1/2019	6/30/2022	\$ 184,506	3
PROJECT Strategically Focused Children's Research Network	Fagerlin	Angela	PhD	The University of Utah	Salt Lake City	UT	Improving Patient and Family Health Using Family-Centered Outcomes and Shared Decision-Making	7/1/2017	6/30/2021	\$ 1,020,800	4
PROJECT Strategically Focused Children's Research Network	Silver	Robert		The University of Utah	Salt Lake City	UT	Maternal-fetal environment, epigenetics and complex congenital heart disease	7/1/2017	6/30/2021	\$ 1,086,800	4



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CENTER Strategically Focused Children's Research Network	Tristani-Firouzi	Martin	MD	The University of Utah	Salt Lake City	UT	Leveraging Big Data Science to Link Genomics, Epigenetics and the Family to Improve the Health of Children with CHD	7/1/2017	6/30/2021	\$ 580,800	4
PROJECT Strategically Focused Children's Research Network	Yandell	Mark	PhD	The University of Utah	Salt Lake City	UT	An integrated data-science, transcriptomics, and genomics approach to understanding Complex CHD	7/1/2017	6/30/2021	\$ 1,020,800	4
Institutional Award for Undergraduate Student Training	Drakos	Stavros	MD, PhD	The University of Utah	Salt Lake City	UT	Undergraduate Research in Cardiovascular Diseases	4/1/2018	3/31/2022	\$ 60,000	4
CENTER Strategically Focused PCORI-AHA DECIDE Research Network	Fagerlin	Angela	PhD	The University of Utah	Salt Lake City	UT	STudying Effectiveness in Patient-centered care	7/1/2018	6/30/2022	\$ 1,044,745	4
PROJECT Strategically Focused PCORI-AHA DECIDE Research Network	Ozanne	Elissa	MS, PhD	The University of Utah	Salt Lake City	UT	RED-AF: Randomized Evaluation of Decision Support Interventions for Atrial Fibrillation	7/1/2018	6/30/2022	\$ 3,578,569	4
Transformational Project Award	Alexander	Matthew	BA, MD	The University of Utah	Salt Lake City	UT	Multimodal Assessment and Optimization of an Improved Rabbit Model of Intracranial Atherosclerosis	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Ranjan	Ravi	MD, PhD	The University of Utah	Salt Lake City	UT	Computational Modeling Guided Ablation for Atrial Arrhythmias	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Cho	Jae		The University of Utah	Salt Lake City	UT	Defining the contribution from endothelial cell autophagy and PKC activation to vascular cognitive impairment	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Davis	Kathryn		The University of Utah	Salt Lake City	UT	Characterization of Smyd1 Enzymatic Activity	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Montenont	Emilie	PhD, MS	The University of Utah	Salt Lake City	UT	The role of MALAT1 long non-coding RNA in megakaryocyte and platelet functions	1/1/2020	12/31/2021	\$ 131,356	2
Career Development Award	Chaurasia	Bhagirath	PhD	The University of Utah	Salt Lake City	UT	Role of ceramide-regulated Fgf13 in adipocyte metabolism	7/1/2020	6/30/2023	\$ 231,000	3
AHA Institutional Research Enhancement Award	Rutigliano	Heloisa	DVM, PhD	Utah State University	Logan	UT	EFFECTS OF PREGNANCY AND PROGESTERONE ON ATRIAL FIBRILLATION IN A TRANSGENIC GOAT MODEL OF ATRIAL CARDIOMYOPATHY	1/1/2019	12/31/2020	\$ 154,000	2
Postdoctoral Fellowship	Harper	Sara	PhD	Utah State University	Logan	UT	Resveratrol and exercise combined to enhance mitochondrial function among older adults	1/1/2020	12/31/2021	\$ 131,356	2
AHA Institutional Research Enhancement Award	Belmadani	Souad	PhD	Eastern Virginia Medical School	Norfolk	VA	Interleukin-12 and heart failure	4/1/2018	3/31/2020	\$ 154,000	2



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AHA Institutional Research Enhancement Award	Galkina	Elena	PhD	Eastern Virginia Medical School	Norfolk	VA	Modified LDL uptake, B cell receptor signaling, and atherosclerosis	4/1/2018	3/31/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Dobrian	Anca		Eastern Virginia Medical School	Norfolk	VA	Investigating adipose tissue microvesicles as a link between obesity and vascular dysfunction	7/1/2018	6/30/2020	\$ 154,000	2
AHA Institutional Research Enhancement Award	Matrougui	Khalid	PhD	Eastern Virginia Medical School	Norfolk	VA	Omental fat impairs VSMC function through interleukin-12 mechanism in obesity and type 2 diabetes	1/1/2019	12/31/2020	\$ 154,000	2
Innovative Project Award	Galkina	Elena	PhD	Eastern Virginia Medical School	Norfolk	VA	Role of sleep fragmentation in atherosclerosis and asociated metabolic dysfunction	7/1/2019	6/30/2021	\$ 196,866	2
Predoctoral Fellowship	Moriarty	Alina	BS	Eastern Virginia Medical School	Norfolk	VA	Sleep fragmentation and neural regulation of STAT4-dependent immunity in atherosclerosis	1/1/2020	12/31/2021	\$ 62,032	2
AHA Institutional Research Enhancement Award	Nagre	Nagaraja		Eastern Virginia Medical School	Norfolk	VA	Alveolar cell membrane repair and senescence in lung aging	1/1/2020	12/31/2021	\$ 154,000	2
Distinguished Investigator Award	Holmes	Jeffrey		University of Virginia	Charlottesville	VA	Information Storage and Retrieval in the Cardiac Extracellular Matrix	10/1/2017	9/30/2020	\$ 1,500,000	3
Transformational Project Award	Bilchick	Kenneth	MD	University of Virginia	Charlottesville	VA	Personalized Approach to Cardiac Resynchronization Therapy Using High Dimensional Immunophenotyping	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Srikakulapu	Prasad	PhD	University of Virginia	Charlottesville	VA	Chemokine Receptor-6 Regulates B-1 Cell Homing to Perivascular Adipose Tissue, IgM Production and Atheroprotection	9/1/2018	8/30/2021	\$ 231,000	3
Career Development Award	Feng	Xue		University of Virginia	Charlottesville	VA	A fully automatic quantification framework for myocardial perfusion imaging using cardiovascular magnetic resonance	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Johnstone	Scott	BSC, PhD	University of Virginia	Charlottesville	VA	connexin regulation of cell proliferation	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Civelek	Mete	PhD	University of Virginia	Charlottesville	VA	Genetic Regulation of Vascular Smooth Muscle Gene Expression	7/1/2019	6/30/2022	\$ 300,000	3
AHA Institutional Research Enhancement Award	Esquivel	Jill	PhD, FNP, FAAN	University of Virginia	Charlottesville	VA	Getting in To Light Exercise in Heart Failure: GENTLE-HF	7/1/2019	6/30/2021	\$ 154,000	2
Innovative Project Award	Southerland	Andrew	MD, MSc	University of Virginia	Charlottesville	VA	Characterization of Abnormal Eye Movements in Posterior Circulation Stroke using Computer Vision Analysis	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Van Houten	Matthew	BSE, MS	University of Virginia	Charlottesville	VA	Rapid Magnetization Transfer Imaging of Myocardial Fibrosis	7/1/2019	6/30/2021	\$ 53,688	2
Predoctoral Fellowship	Zhou	Ruixi	BS, MS	University of Virginia	Charlottesville	VA	Simultaneous Cine And T1 mapping SPiral Acquisition with Respiratory and Cardiac Self-gating (CAT-SPARCS)	7/1/2019	6/30/2021	\$ 53,688	2



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AHA/Amazon Web Services 4.0 Data Grant Portfolio - AI and ML	Feng	Xue		University of Virginia	Charlottesville	VA	A Cloud-Based Framework for Multi-Institutional Clinical Studies Incorporating Artificial Intelligence	12/1/2019	11/30/2021	\$ 200,000	2
Postdoctoral Fellowship	Evans	Megan	BSC, PhD	University of Virginia	Charlottesville	VA	DNMT3A- and TET2-Mediated Clonal Hematopoiesis in Ischemic Stroke	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Granade	Mitchell	BS, MS	University of Virginia	Charlottesville	VA	Indirect effects of adenosine on cardiac function via suppression of adipocyte lipolysis	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Herbst	Elizabeth		University of Virginia	Charlottesville	VA	Ultrasound molecular imaging of aortic aneurysm using modulated acoustic radiation force.	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Turner	Adam	BSC, PhD	University of Virginia	Charlottesville	VA	Cis-regulatory mechanisms of extracellular matrix genes in human coronary atherosclerosis	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Zhang	Mengxue	MBBS, MS	University of Virginia	Charlottesville	VA	Role of Epigenetic Reader BRD4 in Smooth Muscle Cell's Degenerative Phenotype Transition and Abdominal Aortic Aneurysm	1/1/2020	12/31/2021	\$ 128,080	2
Predoctoral Fellowship	Ottolini	Matteo		University of Virginia	Charlottesville	VA	Effect of NOX1/iNOS on endothelial calcium signaling in obesity	7/1/2020	6/30/2022	\$ 62,032	2
Career Development Award	Morioka	Sho	PhD	University of Virginia	Charlottesville	VA	Removal of apoptotic cells during acute kidney injury	1/1/2021	12/31/2023	\$ 231,000	3
Innovative Project Award	Price	Richard		University of Virginia	Charlottesville	VA	Cerebrovascular Endothelial Genome Editing with MR Image-Guided Focused Ultrasound	1/1/2021	12/31/2022	\$ 200,000	2
Scientist Development Grant	Costa	Blaise	M.Pharm, PhD	Virginia College of Osteopathic Medicine (VCOM)	Blacksburg	VA	Development and Pharmacological Characterization of Mechanistically Distinct NMDA Receptor Allosteric Modulators	7/1/2016	6/30/2020	\$ 308,000	4
Career Development Award	Rodriguez Miguelez	Paula	PhD	Virginia Commonwealth University	Richmond	VA	Improving Cardiovascular Health in Patients with Chronic Obstructive Pulmonary Disease: a Mechanistic Approach	9/1/2018	8/30/2021	\$ 231,000	3
Career Development Award	Carbone	Salvatore		Virginia Commonwealth University	Richmond	VA	Unsaturated Fatty Acids to Improve Cardiorespiratory Fitness in Patients with Obesity and HFpEF	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Kirkman	Danielle	PhD	Virginia Commonwealth University	Richmond	VA	Chronic Kidney Disease and Heart Failure with Preserved Ejection Fraction: The Role of Mitochondrial Dysfunction	4/1/2019	3/31/2022	\$ 231,000	3
Collaborative Sciences Award	Abbate	Antonio		Virginia Commonwealth University	Richmond	VA	Interleukin-1 Blockade for Treatment of Cardiac Sarcoidosis	7/1/2019	6/30/2022	\$ 63,309	3
Collaborative Sciences Award	Hawthorne	Jennifer		Virginia Commonwealth University	Richmond	VA	Interleukin-1 Blockade for Treatment of Cardiac Sarcoidosis	7/1/2019	6/30/2022	\$ 143,049	3
Collaborative Sciences Award	Hundley	Gregory		Virginia Commonwealth University	Richmond	VA	Interleukin-1 Blockade for Treatment of Cardiac Sarcoidosis	7/1/2019	6/30/2022	\$ 43,608	3
Collaborative Sciences Award	Kron	Jordana		Virginia Commonwealth University	Richmond	VA	Interleukin-1 Blockade for Treatment of Cardiac Sarcoidosis	7/1/2019	6/30/2022	\$ 500,034	3
Predoctoral Fellowship	Adcox	Haley	BA	Virginia Commonwealth University	Richmond	VA	Dissecting the mechanism by which Orientia tsutsugamushi effector Ank5 modulates host cell NLRCS	1/1/2020	12/31/2021	\$ 62,032	2



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Institutional Award for Undergraduate Student Training	Hundley	W	MD	Virginia Commonwealth University	Richmond	VA	AHA 2020 Institutional Undergraduate Fellowship	1/1/2020	12/31/2022	\$ 60,000	3
Predoctoral Fellowship	Saunders	Sarah	BS	Virginia Commonwealth University	Richmond	VA	Modulation of Foreign Body Response to ETVGs via Manipulation of Dual Axial Mechanical Conditioning in vitro.	1/1/2020	12/31/2021	\$ 62,032	2
Transformational Project Award	Ghosh	Shobha	MSc, PhD	Virginia Commonwealth University	Richmond	VA	Inhibition of Sterol Carrier Protein-2 (SCP2) ¿ a novel antidyslipidemic strategy	1/1/2021	12/31/2023	\$ 300,000	3
Transformational Project Award	Chappell	John	PhD, MS	Virginia Polytechnic Institute and State University	Blacksburg	VA	Ischemia-induced Pericyte Loss and BBB Fragility	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Mughal	Amreen	MS, PhD	The University of Vermont State and Agricultural College	Burlington	VT	Endothelial Ca2+ signals in Penetrating Arterioles Control Local Blood Flow in the Brain.	1/1/2020	12/31/2021	\$ 128,836	2
Postdoctoral Fellowship	Kent	Robyn	MSc, PhD	The University of Vermont State and Agricultural College	Burlington	VT	The role of parasite motility in reactivated T. gondii infection	6/1/2020	5/31/2022	\$ 135,352	2
Career Development Award	Harraz	Osama	PhD	The University of Vermont State and Agricultural College	Burlington	VT	Mechanosensation in Brain Capillaries	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Johnson	Abbie	Ph.D.	The University of Vermont State and Agricultural College	Burlington	VT	Hippocampal Vascular Function in Chronic Hypertension and Post-Stroke Dementia	7/1/2020	6/30/2023	\$ 231,000	3
Career Development Award	Stolla	Moritz	MD	Bloodworks Northwest	Seattle	WA	Cold-stored platelets to reverse dual antiplatelet therapy	4/1/2019	3/31/2022	\$ 228,690	3
Postdoctoral Fellowship	Williams-nguyen	Jessica	MPH, PhD	Fred Hutchinson Cancer Research Center	Seattle	WA	Multi-omic analysis of non-alcoholic fatty liver disease and cardiovascular events in Hispanic/Latino adults in the US	1/1/2020	12/31/2021	\$ 128,836	2
Transformational Project Award	Portman	Michael	M.D.	Seattle Children's Hospital	Seattle	WA	Role of individual nitric oxide synthases for cerebral protection during circulatory arrest	7/1/2019	6/30/2022	\$ 300,000	3
Postdoctoral Fellowship	Coelho Santos	Vanessa	PhD, MSc	Seattle Children's Hospital	Seattle	WA	Imaging Development of Brain Microvascular Networks under Normoxia and Intermittent Hypoxia	1/1/2020	12/31/2021	\$ 128,836	2
Scientist Development Grant	Leary	Peter	MD, PhD	University of Washington	Seattle	WA	Histaminic Signaling in Pulmonary Arterial Hypertension	7/1/2017	6/30/2020	\$ 231,000	3
PROJECT Strategically Focused Children's Research Network	Watkins	David	MD, MPH	University of Washington	Seattle	WA	Building a Case to Invest in Rheumatic Heart Disease Prevention and Control in Limited Resource Settings	7/1/2017	6/30/2021	\$ 337,613	4
Established Investigator Award	Wang	Wang	MD PhD	University of Washington	Seattle	WA	Mitochondrial fission protein DRP1 in metabolic heart disease	1/1/2018	12/31/2022	\$ 400,000	5
Career Development Award	Bastounis	Effie	BS, PhD	University of Washington	Seattle	WA	Role of biomechanical cues in modulating infection of endothelial cells by pathogenic bacteria	7/1/2018	6/30/2021	\$ 231,000	3
Innovative Project Award	Cabernard	Clemens	Ph.D	University of Washington	Seattle	WA	Molecular and biophysical changes associated with stem cell aging	7/1/2018	10/31/2020	\$ 199,987	2



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Career Development Award	Levitt	Michael	M.D.	University of Washington	Seattle	WA	Improving computational modeling of cerebral aneurysm flow-diverting stent treatment through platelet simulations	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Zhang	Huiliang	PhD	University of Washington	Seattle	WA	Mechanisms of mitochondrial function rejuvenation to restore diastolic dysfunction	4/1/2019	3/31/2022	\$ 231,000	3
Transformational Project Award	Liu	Qinghang	MD PhD	University of Washington	Seattle	WA	Molecular regulation of programmed necrosis in the heart	7/1/2019	6/30/2022	\$ 300,000	3
PROJECT Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Rea	Thomas	MD	University of Washington	Seattle	WA	Precision Medicine Resuscitation: Novel Strategy for Real-Time Rhythm Assessment during CPR in Men and Women	7/1/2019	6/30/2023	\$ 893,316	4
Innovative Project Award	Ruohola-baker	Hannele	Ph.D.	University of Washington	Seattle	WA	Directed trans-differentiation for heart regeneration	7/1/2019	6/30/2021	\$ 200,000	2
Innovative Project Award	Singh	Namrata	MD	University of Washington	Seattle	WA	Hydroxychloroquine use and the risk of incident major cardiovascular events	7/1/2019	6/30/2021	\$ 200,000	2
CENTER Arrhythmias Sudden Cardiac Death Strategically Focused Research Network	Sotoodehnia	Nona	MD	University of Washington	Seattle	WA	Genomic and Precision Medicine Approaches to Evaluate Sex-Specific Sudden Cardiac Arrest Risk and Resuscitation Outcomes	7/1/2019	6/30/2023	\$ 580,800	4
Transformational Project Award	XU	Haodong	MD PhD	University of Washington	Seattle	WA	beta-catenin/TCF4 signaling and cardiac arrhythmia in ischemic heart disease	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Brady	Eileen	BA	University of Washington	Seattle	WA	Site specific vascularization of a cardiac patch	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Caudal	Arianne		University of Washington	Seattle	WA	Regulation of Trifunctional protein (TFP) by protein-protein interactions in the heart	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Niraula	Anzela	PhD	University of Washington	Seattle	WA	Microglial Inflammatory Signaling in Obesity and Diabetes	1/1/2020	12/31/2021	\$ 128,836	2
Collaborative Sciences Award	Daniel	Thomas	PhD	University of Washington	Seattle	WA	Multi-scale Computational Modeling for Genetic Cardiomyopathies	1/1/2021	12/31/2023	\$ 180,912	3
Collaborative Sciences Award	Davis	Jennifer		University of Washington	Seattle	WA	Multi-scale Computational Modeling for Genetic Cardiomyopathies	1/1/2021	12/31/2023	\$ 199,788	3
Collaborative Sciences Award	Moussavi-harami	Farid	M.D.	University of Washington	Seattle	WA	Multi-scale Computational Modeling for Genetic Cardiomyopathies	1/1/2021	12/31/2023	\$ 369,294	3
Career Development Award	Rayner	Samuel	BA, MD	University of Washington	Seattle	WA	Cellular Responses to Shear Stress in Engineered Pulmonary Hypertension Models	1/1/2021	12/31/2023	\$ 231,000	3
Transformational Project Award	Tanner	Bert	BS, PhD	Washington State University	Pullman	WA	Thick-filament regulation in human heart failure	7/1/2019	6/30/2022	\$ 300,000	3
Innovative Project Award	Arble	Deanna	PhD	MARQUETTE UNIVERSITY	Milwaukee	WI	Targeting the brain as an effective treatment for sleep apnea	1/1/2021	12/31/2022	\$ 200,000	2
Scientist Development Grant	Palygin	Oleg	PhD	Medical College of Wisconsin	Milwaukee	WI	Intravital Imaging of the Kidney in a Rat Model of Salt-Sensitive Hypertension	7/1/2017	6/30/2020	\$ 231,000	3



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Established Investigator Award	Grobe	Justin	PhD	Medical College of Wisconsin	Milwaukee	WI	Hypothalamic mechanisms of cardiometabolic and obstetric disease	1/1/2018	12/31/2022	\$ 400,000	5
Transformational Project Award	Mammoto	Akiko	MD PhD	Medical College of Wisconsin	Milwaukee	WI	Twist1 in age-related changes in angiogenesis	7/1/2018	6/30/2021	\$ 300,000	3
Career Development Award	Patterson	Michaela	BS, PhD	Medical College of Wisconsin	Milwaukee	WI	Exploiting natural variation to understand mechanisms of heart regeneration	9/1/2018	8/30/2021	\$ 231,000	3
Transformational Project Award	Thomas	Michael	BS, PhD	Medical College of Wisconsin	Milwaukee	WI	Bidirectional Cholesterol Transport: How does PCPE2 modulate SR-BI activity?	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Fang	Shi	BS	Medical College of Wisconsin	Milwaukee	WI	Vascular smooth muscle RhoBTB1 in Hypertension	1/1/2020	12/31/2021	\$ 62,032	2
Postdoctoral Fellowship	Golosova	Daria	MD, PhD	Medical College of Wisconsin	Milwaukee	WI	Role of opioid receptor signaling in the development of hypertension and kidney injury	1/1/2020	12/31/2021	\$ 135,352	2
Postdoctoral Fellowship	Hughes	William	PhD	Medical College of Wisconsin	Milwaukee	WI	Novel Role for Autophagy in Determining Microvascular Flow-Mediated Dilation	1/1/2020	12/31/2021	\$ 128,836	2
Institutional Award for Undergraduate Student Training	Lincoln	Joy	PhD	Medical College of Wisconsin	Milwaukee	WI	The Institutional Undergraduate Student Fellowship Program at Medical College of Wisconsin	1/1/2020	12/31/2022	\$ 60,000	3
Predoctoral Fellowship	Nordquist	Emily	BS	Medical College of Wisconsin	Milwaukee	WI	Exploring cell proliferation in heart valve repair	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Sylvester	Paul	AS, BS	Medical College of Wisconsin	Milwaukee	WI	Antibacterial to pro-viral: IL-1 facilitates gammaherpesvirus infection	1/1/2020	12/31/2021	\$ 62,032	2
Predoctoral Fellowship	Berg Luecke	Linda	BS, MS	Medical College of Wisconsin	Milwaukee	WI	Elucidating the molecular and mechanistic role of CILP1 in reverse remodeling in the context of advanced heart failure	7/1/2020	6/30/2022	\$ 62,032	2
Career Development Award	Mouradian	Gary	Ph.D.	Medical College of Wisconsin	Milwaukee	WI	The Lung-Brain axis: defining a role for dysfunctional vagal afferents in a mouse model of bronchopulmonary dysplasia	7/1/2020	6/30/2023	\$ 231,000	3
Transformational Project Award	Guo	Wei	PhD	University of Wisconsin - Madison	Madison	WI	Cytoplasmic trafficking of titin mRNA binding protein 20 in heart failure progression	7/1/2019	6/30/2022	\$ 300,000	3
Institutional Award for Undergraduate Student Training	Liu	Bo	PhD	University of Wisconsin, Madison	Madison	WI	Cardiovascular Research Training Program for Undergraduate Students	4/1/2018	3/31/2022	\$ 60,000	4
Career Development Award	Tattersall	Matthew	DO, MS	University of Wisconsin, Madison	Madison	WI	Asthma Phenotypes and Subclinical Cardiovascular Disease	7/1/2018	6/30/2021	\$ 231,000	3
Career Development Award	Alvarado	Francisco	PharmD, PhD	University of Wisconsin, Madison	Madison	WI	Novel Mechanisms of Cardiac Arrhythmia in a Rabbit Model of CPVT	4/1/2019	3/31/2022	\$ 231,000	3
Career Development Award	Mahmoud	Ahmed	PhD	University of Wisconsin, Madison	Madison	WI	NERVE-GUIDANCE OF POST-ISCHEMIC HEART REGENERATION	4/1/2019	3/31/2022	\$ 231,000	3
Innovative Project Award	Barnes	Jill	PhD	University of Wisconsin, Madison	Madison	WI	Does time-restricted feeding normalize diurnal blood pressure patterns and neurovascular control mechanisms?	7/1/2019	6/30/2021	\$ 200,000	2
Predoctoral Fellowship	Chokkalla	Anil		University of Wisconsin, Madison	Madison	WI	The functional significance of cerebral m6A epitranscriptomic alterations after ischemic stroke	1/1/2020	12/31/2021	\$ 62,032	2



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Postdoctoral Fellowship	Gregorich	Zachery	BS	University of Wisconsin, Madison	Madison	WI	Alterations in caveolar proteome and localized L-type Ca2+ channel regulation: impact of long QT syndrome-9 mutations	1/1/2020	12/31/2021	\$ 131,356	2
Predoctoral Fellowship	Jameson	Margaret	BS, MS	University of Wisconsin, Madison	Madison	WI	Co-translational determinants of the ventricular action potential	1/1/2020	12/31/2021	\$ 62,032	2
Career Development Award CHF	Witzenburg	Colleen	BS, PhD	University of Wisconsin, Madison	Madison	WI	Predicting Long-Term Heart and Pulmonary Artery Growth in Congenital Heart Disease	1/1/2020	12/31/2022	\$ 231,000	3
Transformational Project Award	Liu	Bo	PhD	University of Wisconsin, Madison	Madison	WI	Novel extracellular function of receptor interacting protein kinase-3 in coagulation and thrombosis	1/1/2021	12/31/2023	\$ 300,000	3
Career Development Award	Zhou	Ting		University of Wisconsin, Madison	Madison	WI	Novel functions of endothelial Thrombospondin-1 in abdominal aortic aneurysm	1/1/2021	12/31/2023	\$ 231,000	3
Predoctoral Fellowship	Zhu	Wen		Versiti Wisconsin, Inc.	Milwaukee	WI	Analysis of pathogenic antibodies involved in heparin induced thrombocytopenia	1/1/2020	12/31/2021	\$ 62,032	2
Institutional Award for Undergraduate Student Training	Santanam	Nalini	PhD	Marshall University Research Corporation	Huntington	WV	AHA Summer Undergraduate Student Research Program at Marshall University	4/1/2018	3/31/2022	\$ 60,000	4
AHA Institutional Research Enhancement Award	Kim	Jung Han	PhD	Marshall University Research Corporation	Huntington	WV	A link between genetic variants and obesity susceptibility	7/1/2018	6/30/2020	\$ 154,000	2
Transformational Project Award	Kelley	Eric	PhD	West Virginia University - Health Sciences Center	Morgantown	WV	Protective Role for Xanthine Oxidase in Heme-Induced Vascular Injury	7/1/2019	6/30/2022	\$ 300,000	3
Predoctoral Fellowship	Kunovac	Amina	BS	West Virginia University Research Corporation	Morgantown	WV	Cardiac epitranscriptomic and mitochondrial remodeling in progeny following maternal engineered nanomaterial exposure	1/1/2020	12/31/2021	\$ 62,032	2
Collaborative Sciences Award	Boyd	Jonathan	BS, PhD	West Virginia University, Morgantown	Morgantown	WV	Vascular Dysfunction in Offspring Exposed to Maternal Vaping	1/1/2021	12/31/2023	\$ 134,697	3
Collaborative Sciences Award	Chantler	Paul	PhD	West Virginia University, Morgantown	Morgantown	WV	Vascular Dysfunction in Offspring Exposed to Maternal Vaping	1/1/2021	12/31/2023	\$ 167,453	3
Collaborative Sciences Award	Dakhlallah	Duaa	PhD	West Virginia University, Morgantown	Morgantown	WV	Vascular Dysfunction in Offspring Exposed to Maternal Vaping	1/1/2021	12/31/2023	\$ 98,552	3
Collaborative Sciences Award	Olfert	Ivan	PhD, RRT	West Virginia University, Morgantown	Morgantown	WV	Vascular Dysfunction in Offspring Exposed to Maternal Vaping	1/1/2021	12/31/2023	\$ 297,421	3
Transformational Project Award	He	Guanglong	Ph.D.	University of Wyoming	Laramie	WY	Targeting the underlying inflammation in obesity-associated myocardial dysfunction	7/1/2018	6/30/2021	\$ 300,000	3