American Heart Association
Awardees by Program Type

Last Update: August 2018

AHA Institutional Research Enhancement Award (AIREA)

Alshbool, Fatima PharmD, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Texas, El Paso City/State: El Paso, TX Project Title: Investigation of the Platelet 5HT2A and P2Y1 Receptors Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $154,000

Bai, Fengwei PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Southern Mississippi City/State: Hattiesburg, MS Project Title: The role of osteopontin in promoting West Nile virus neuroinvasion Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

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

Beaumont, Eric BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: East Tennessee State University, Johnson City City/State: Johnson City, TN Project Title: Vagal nerve stimulation mitigates alteration of the intestinal environment to limit the progression of heart failure Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

Belmadani, Souad PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Eastern Virginia Medical School, Norfolk City/State: Norfolk, VA Project Title: Interleukin-12 and heart failure Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000
Boehm, Julia PhD  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Chapman University  
**City/State:** Orange, CA  
**Project Title:** Psychosocial Resources in Childhood that Protect against Cardiovascular Risk in Adulthood: The 1958 Birth Cohort Study  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $126,120

Chou, Shih-Feng PhD, MS  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** University of Texas, Tyler  
**City/State:** Tyler, TX  
**Project Title:** The use of membrane-tethered Kunitz-type inhibitors to provide thromboresistance for implantable devices  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

Consitt, Leslie PhD  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Ohio University, Athens  
**City/State:** Athens, OH  
**Project Title:** Skeletal Muscle Mechanisms Involved in Obesity-Related Metabolic Inflexibility  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

Credeur, Daniel PhD  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** University of Southern Mississippi  
**City/State:** Hattiesburg, MS  
**Project Title:** Targeting the Peripheral Vasculature through Intermittent Pneumatic Compression in Spinal Cord Injury  
**Award Start Date:** 4/1/2018  
**Award End Date:** 3/31/2020  
**Total Years:** 2  
**Total Award Amount:** $153,041

de Castro Brás, Lisandra PhD, BSC  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** East Carolina University  
**City/State:** Greenville, NC  
**Project Title:** Collagen peptides as biomarkers of heart failure  
**Award Start Date:** 4/1/2018  
**Award End Date:** 3/31/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

Delfin, Dawn BA, MS  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** University of New Mexico - Health Sciences Center  
**City/State:** Albuquerque, NM  
**Project Title:** ABI3BP in the heart: a modulator of cardiac stem cell adhesion and differentiation  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

Dobrian, Anca PhD  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Eastern Virginia Medical School, Norfolk  
**City/State:** Norfolk, VA  
**Project Title:** Investigating adipose tissue microvesicles as a link between obesity and vascular dysfunction  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000
Fu, Mingui PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Missouri, Kansas City City/State: Kansas City, MO Project Title: Role of TRIM65 E3 ligase in endothelial activation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Galkina, Elena PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Eastern Virginia Medical School, Norfolk City/State: Norfolk, VA Project Title: Modified LDL uptake, B cell receptor signaling, and atherosclerosis Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

Gupta, Vivek PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: St. John's University City/State: Queens, NY Project Title: Novel Therapies for Pulmonary Hypertension: Mechanism based Drug Repositioning for Superior Therapeutic Outcomes Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $154,000

Han, Guichun PhD, MD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Texas A&M University, College Station City/State: College Station, TX Project Title: The crosstalk of estrogen receptors and dual G-protein coupling in coronary arterioles Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

Harber, Matthew PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Ball State University City/State: Muncie, IN Project Title: Cardiopulmonary Exercise Testing and Mortality Outcomes Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $153,917

Hatcher, Cathy BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Philadelphia College of Osteopathic Medicine City/State: Philadelphia, PA Project Title: Reelin Signaling in Coronary Vessel Formation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Jarajapu, Yagna PharmD, MSc
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: North Dakota State University, Fargo City/State: Fargo, ND Project Title: Mas Receptor: A Target for Bone Marrow Mobilopathy and Vascular Repair in Diabetes Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
Jenkins, Nathaniel PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Oklahoma State University City/State: Stillwater, OK Project Title: The Clinical Utility of Resistance Training for Improving Cardiovascular Disease Risk in Post-Menopausal Women Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $153,933

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

Kim, Jung Han PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Marshall University Research Corporation, Huntington City/State: Huntington, WV Project Title: A link between genetic variants and obesity susceptibility Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $154,000

Klingensmith, Jon BSEE, MS
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Southern Illinois University, Edwardsville City/State: Edwardsville, IL Project Title: Volumetric assessment of epicardial adipose tissue using echocardiography Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

McConnell, Bradley PhD, BS
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Houston, Houston City/State: Houston, TX Project Title: Gravin Signalsome Mediates Cardiac Signaling and Transcriptome Variation in Heart Failure Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $154,000

Mukherjee, Mukul PhD, BSC
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Nebraska at Omaha City/State: Omaha, NE Project Title: Virtual Reality Augmented Gait Adaptation in Stroke Survivors Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $154,000

Nowak, Scott PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Kennesaw State University Research and Service Foundation City/State: Kennesaw, GA Project Title: The role of Akirin during heart development Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000
Peixoto, Pablo PhD  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: Baruch College  
City/State: New York, NY  
Project Title: Mitochondrial ROS in Synaptic Plasticity  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2020  
Total Years: 2  
Total Award Amount: $154,000

Pence, Brandt PhD  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: University of Memphis  
City/State: Memphis, TN  
Project Title: Glycolytic Metabolism and Cellular Function in Monocytes from Older Adults  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2020  
Total Years: 2  
Total Award Amount: $154,000

Polichnowski, Aaron PhD  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: East Tennessee State University, Johnson City  
City/State: Johnson City, TN  
Project Title: The renal cholinergic system and the AKI-CKD nexus  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Ramalingam, Latha BS, MS  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: Texas Tech University, Lubbock  
City/State: Lubbock, TX  
Project Title: Early Life Programming by Omega-3 Fatty Acids in Obesity-Associated Inflammation  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

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

Ramirez, Rolando PhD  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: University of Akron  
City/State: Akron, OH  
Project Title: Increased VEGF Receptor 2 Expression to Improve Maternal Physiology and Fetal Outcomes in a Rat Model of Preeclampsia  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2020  
Total Years: 2  
Total Award Amount: $154,000

Rosca, Georgeta MD  
Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: Central Michigan University  
City/State: MT. PLEASANT, MI  
Project Title: Mitochondrial NADH/NAD+ redox ratio in high fat diet-induced cardiac disease  
Award Start Date: 4/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $154,000
Rossignol, Julien BS, MSc
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Central Michigan University City/State: MT. PLEASANT, MI Project Title: A novel dendrimer-based delivery platform for endogenous brain repair after stroke Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

Shah, Zahoor BS, MSc
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Toledo Health Science Campus City/State: Toledo, OH Project Title: Cofilin and inflammation after hemorrhagic brain injury Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Simionescu, Agneta PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Clemson University City/State: Clemson, SC Project Title: Mitral Valve Tissue Engineering Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Snow, Jessica BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: New Mexico Highlands University City/State: Las Vegas, NM Project Title: Role of GPER in Mechanisms of Pulmonary Hypertension Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

Vik, Steven BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Southern Methodist University City/State: Dallas, TX Project Title: Impact of Clinical Mutations on Assembly of the NADH-module of Complex I Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Wu, Colin BS, PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Oakland University City/State: Rochester, MI Project Title: Formation of a G-quadruplex Repair Complex by FANCJ and REV1: Toward Better Cardiovascular Health through DNA Repair Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,031

Zhou, Weihua BS, MS
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: University of Southern Mississippi City/State: Hattiesburg, MS Project Title: A new image-guided approach for cardiac resynchronization therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,794