

# 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 5HT<sub>2A</sub> and P2Y<sub>1</sub> 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 Signaling 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

**Ramasubramanian, 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 FANCD1 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