American Heart Association
Awardees by Program Type

Institute - AI and ML

Deeptankar Demazumder, MD, PhD, BS
Program Type: Institute - AI and ML Institution: University of Cincinnati City/State: Cincinnati, OH Project Title: Critical Health Assessment & Outcomes Study/Score in the cardiovascular ICU (CHAOS-ICU) Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: $200,000

Ahmed Fahmy, PhD
Program Type: Institute - AI and ML Institution: Beth Israel Deaconess Medical Center City/State: Boston, MA Project Title: Deep-learning based platform for accurate quantification of scar burden in hypertrophic cardiomyopathy Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: $200,000

C Alberto Figueroa, PhD
Program Type: Institute - AI and ML Institution: University of Michigan Medical Center City/State: Ann Arbor, MI Project Title: A Cloud-computing Machine Learning and Computational Fluid Dynamics Framework for Assessment of Coronary Disease Award Start Date: 7/1/2019 Award End Date: 6/30/2021 Total Years: 2 Total Award Amount: $200,000

Jane Leopold, MD
Program Type: Institute - AI and ML Institution: Brigham & Women's Hospital City/State: Boston, MA Project Title: My Research Legacy Data Analysis Award Start Date: 4/1/2019 Award End Date: 3/31/2020 Total Years: 1 Total Award Amount: $100,000

Ramaraju Rudraraju, PhD, MS, BS
Program Type: Institute - AI and ML Institution: University of Alabama at Birmingham City/State: Birmingham, AL Project Title: MACHINE LEARNING FOR PREDICTING MECHANICAL CIRCULATORY SUPPORT OUTCOMES Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $198,854
Suchi Saria, PhD
Program Type: Institute - AI and ML
Institution: Johns Hopkins University
City/State: Baltimore, MD
Project Title: Real-Time Prediction of Cardiogenic Shock in Acute Decompensated Heart Failure Using Machine Learning
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $200,000

Chun Yuan, PhD
Program Type: Institute - AI and ML
Institution: University of Washington, Seattle
City/State: Seattle, WA
Project Title: Automated Vessel Wall Screening to Predict Cardiovascular Risk
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $199,492

Gengsheng Zeng, PhD
Program Type: Institute - AI and ML
Institution: University of Utah
City/State: Salt Lake City, UT
Project Title: Sub-second image reconstruction for real-time cardiac MRI via machine-learning with complex weights
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $200,000