



American Heart Association.



CarDS LAB
YALE SCHOOL OF MEDICINE

#AHA23

Members of the Cardiovascular Data Science (CarDS) Lab will be presenting their science at the 2023 American Heart Association's Scientific Sessions in Philadelphia, PA



Rohan Khera



Evangelos K Oikonomou



Phyllis Thangaraj



Lovedeep Singh Dhingra



Arash Aghajani Nargesi



Arya Aminorroaya



Veer Sangha



Akshay Khunte



Philip Adejumo



Pegah Khaloo



Aline Pedroso Camargos



Sohumi Kapadia



Wafa Nabi

The schedule and topics for our presentations are as follows:

November 10th, 2023

QCOR Early Career Investigator Award Finalist

Arash Aghajani Nargesi

11:00 AM

Talk: Deep Learning-Based Natural Language Processing of Discharge Summaries for Automated Identification of Heart Failure With Reduced Ejection Fraction

102AB

November 11th, 2023

Steve Rusckowski Early Career Investigator Award Finalist

Arya
Aminorroaya

01:30
PM

Talk: Development and Multinational Validation of a Machine Learning-Based Optimization for Efficient Screening for Elevated Lipoprotein(α)

103B

Veer Sangha

03:00
PM

Talk: Detection of Left Ventricular Systolic Dysfunction From PDF Outputs of ECGs Obtained on Wearable Devices

Zone 2

Akshay Khunte

03:00
PM

Poster: Detection of Hypertrophic Cardiomyopathy From Noisy Single-Lead Electrocardiography

Board
2256

Pegah Khaloo

03:00
PM

Poster: Access to Pacemaker Implantation Amongst Medicare Beneficiaries: Travel Distance and Time to Nearest Clinician

Board
3115

Elizabeth Barrett-Connor Research Award for Early Career Investigators Finalist

Evangelos K
Oikonomou

03:45
PM

Talk: An Explainable Machine Learning-Based Phenomapping Strategy for Adaptive Predictive Enrichment in Randomized Controlled Trials of Preventive Interventions

201C

November 12th, 2023

Akshay Khunte

08:30
AM

Talk: ECG-GPT: Automated Complete Diagnosis Generation From ECG Images Using Novel Vision-Text Transformer Model

108A

Rohan Khera

09:45
AM

Talk: AI in Medicine: What is Going Well

Hall

Lovedeep
Dhingra

09:50
AM

Talk: An Ensemble Deep Learning Model to Automate Screening For Multiple Structural Heart Diseases on 12-Lead Electrocardiograms

Zone 2

Sohum Kapadia

11:30
AM

Poster: Driving Distances and Durations to Nearest Transcatheter Aortic Valve Replacement Center for Medicare Beneficiaries Across Continental United States

Board
4142

Arya
Aminorroaya

03:30
PM

Poster: Detection of Structural Heart Diseases Using a Novel Artificial Intelligence-Driven Algorithm for Noisy Real-World Single-Lead ECGs

Board
3117

Rohan Khera

03:30
PM

Debate: Artificial Intelligence's impact on Quality of Care: Opportunities and Risks

202 AB

November 13th, 2023

Rohan Khera

08:45
AM

Talk: How can AI Enhance a Learning Health System?

Main
Event II

Lovedeep
Dhingra

10:30
AM

Poster: Evaluation of Impact of Septal Reduction Therapy on Deep Learning-Based Electrocardiographic Markers Hypertrophic Cardiomyopathy

Board
2197

Lovedeep
Dhingra

10:30
AM

Poster: Comparing Pre- and Post- Pandemic Personal Health Monitoring Using Wearable Devices in United States Adults With or at Risk for Cardiovascular Disease: A Nationally Representative Study

Board
3038

Wafa Nabi

10:30
AM

Poster: Nationally Representative Trends of Overall Physical Activity and Its Subtypes Among US Adults With Diabetes, Hypertension, and Dyslipidemia: Findings From NHANES 2007-2020

Board
3173

Aline Pedroso
Camargos

01:30
PM

Poster: Performance of Current Cardiovascular Risk Scores Among the Brazilian Population: Findings From the ELSA-Brasil Study

Board
3073

Veer Sangha

02:20
PM

Moderated: Deep Learning Model for Detection of Conduction Disorders and Arrhythmias From PDF Outputs of Commercially Available Wearable Devices

MDP
125



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