



University of Kentucky Gill Heart & Vascular Institute

Cardiovascular Research Day

September 10, 2021 - Bill Gatton Student Center

Friday, September 10, 2021

University of Kentucky
Cardiovascular Research Day
Bill Gatton Student Center
Grand Ballrooms

✂ 8:15 - Continental Breakfast

Session I | Worsham Theater

9:00 - Alan Daugherty, PhD, DSc | Director, Saha Cardiovascular Research Center
Opening Comments

9:05 - Trainee Presentations

Sathya Velmurugan, PhD | Despa Lab – University of Kentucky

Inhibition of Na⁺-glucose cotransporter 1 reduces arrhythmogenesis in diabetic rats

Conner C. Earl | Goergen Lab – Purdue University

Strain Estimates of Murine Myocardial Infarction Size from Four-Dimensional High-Frequency Ultrasound

9:35 - Distinguished Alumni Speaker

Steven Steinhubl, MD

Director, Digital Medicine

Associate Professor of Genomic Research

Scripps Research Translational Institute

Healthcare Transformation and the Need for More Unreasonable Clinician-Researchers

10:05 90 Second Poster Pitch

Yonathan Aberra | University of Virginia

Hammodah Alfar | University of Kentucky

Naofumi Amioka | University of Kentucky

Tyler Benson, PhD | University of Cincinnati

Kathryn Gunn, PhD | The University of North Carolina at Chapel Hill

Sohei Ito, MD, PhD | University of Kentucky

Sarah Kosta, PhD | University of Kentucky

Jennifer Torres Yee, MD, MSc | University of Kentucky

Lauren Weaver | University of Kentucky

Yingdong Zhu | Northeast Ohio Medical University



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Friday, September 10, 2021

Continued



10:15 – Break

Poster Session A | Grand Ballrooms

10:30- Poster Session A

Odd numbered posters presented and judged



Session II | Worsham Theater

11:45 - Gill Heart and Vascular Institute Outstanding Contributions to Cardiovascular Research Award

Elizabeth McNally, MD, PhD

Director, Center for Genetic Medicine

Northwestern University Feinberg School of Medicine

The Genetic Landscape of Heart Failure



Lunch Session | Grand Ballrooms

12:30- Buffet Lunch

1:00 - Professional Development Lecture

Amy Herman

Author of “Visual Intelligence”

2016 New York Times Bestseller

Seeing What Matters



2:00 – Break



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Session III | Worsham Theater

2:15 - Trainee Presentations

Alexis Smith | Whiteheart Lab – University of Kentucky

α -Synuclein: a VAMP Chaperone in the Platelet Release Reaction

Rupinder Kaur | Graf Lab – University of Kentucky

Trans-intestinal cholesterol excretion is dependent on the luminal cholesterol content

2:45-- 90 Second Poster Pitches

Fathima Nafrisha Cassim Bawa | Kent State University

Hui Chen, MD | University of Kentucky

Brandee Goo, MS | Augusta University

Velmurugan Gopal Viswanathan | University of Kentucky

Shayan Mohammadmoradi, MS | University of Kentucky

Kelsey Pinckard | Ohio State University

Caris Wadding Lee, BS | The University of Cincinnati



3:00 – Break

Poster Session B | Grand Ballrooms

3:15 - Poster Session B

Even numbered posters presented and judged



Session IV | Worsham Theater

4:30 - Gill Heart and Vascular Institute Early Career Award

Katherine Gallagher, MD

John R. Pfeifer Professor of Surgery

Associate Professor of Surgery, Section of Vascular Surgery

Associate Professor of Microbiology and Immunology

University of Michigan

Epigenetics in Vascular Disease



Evening Session | Grand Ballrooms

5:15 - Networking Session

6:00 - Dinner & Awards Presentations