



# **IOWA CARDIOVASCULAR SUMMIT**

**Advances in Electrophysiology  
and Heart Failure**

**OCTOBER 3-4, 2025  
7:30 AM - 4:30 PM**

**GRADUATE IOWA CITY  
210 SOUTH DUBUQUE STREET  
IOWA CITY, IOWA**

**IOWA**  
**HEALTH CARE**

## OVERVIEW

Updates in cardiology, heart failure and electrophysiology guidelines for therapies including advanced heart failure treatments, mechanical circulatory support, pharmacological treatment as well as current device therapy for cardiac patients.

## TARGET AUDIENCE

**Specialties** - Cardiovascular Disease

**Professions** - Fellow, Nurse, Nurse Practitioner, Pharmacist, Physician, Resident

## OBJECTIVES

- Discuss the pathophysiology and diagnosis of heart failure
- Review the role of cardiac imaging in heart failure
- Discuss the definition and classification of heart failure
- Discuss unusual cardiomyopathy cases
- Identify emerging devices for treatment of heart failure
- Identify the best methods of treatments for atrial arrhythmias
- Explain the treatment options for ventricular arrhythmias in heart failure
- Review valvular heart disease and examine therapies for treatments valvular cardiomyopathy
- Identify candidates for LVAD and heart transplant therapy
- Discuss channelopathies and identify patients for genetic counseling
- Review guidelines and identify candidates for Left Atrial Appendage Closure
- Review challenging EKG patterns
- Explain changes in cardiac imaging
- Review updates in lipid management
- Discuss hemodynamic monitoring in heart failure

## REGISTER NOW

➔ <https://bit.ly/44YlQer>

## ACCREDITATION



In support of improving patient care, the University of Iowa Roy J. and Lucille A. Carver College of Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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**Other Health Care Providers:** A certificate of participation will be available after successful completion of the course. (It is the responsibility of licensees to determine if this continuing education activity meets the requirements of their professional licensure board.)

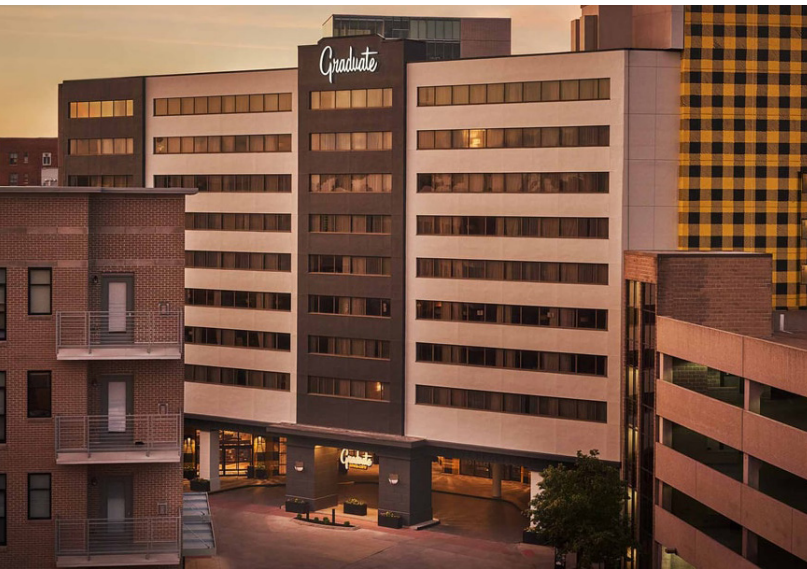
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## HOTEL

**Graduate Iowa City**  
210 South Dubuque Street  
Iowa City, Iowa

Book rooms via the link or by calling the hotel directly: at 319-337-4058. Reference group code **UIHVC**  
Group rate cutoff: **September 1, 2025**

➔ <https://bit.ly/3YMJybi>



## COURSE DIRECTORS

**Laura Czerniak, PharmD, BCCP**  
laura-czerniak@uiowa.edu

**Paari Dominic, MBBS, MPH**  
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**Suzanne Hennings, ARNP, MSN**  
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Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact Paige Graham in advance: paige-graham@uiowa.edu.

## FRIDAY EVENING EVENT

**October 3, 2025**

**5-7 PM**

**Wilder Restaurant**

**Graduate Hotel**

**5:00 PM**

**Appetizers and Cocktails**

**5:30 - 7:00 PM**

**Program and Dinner**

Case presentations by  
**Paari Dominic, MBBS, MPH**  
and **David Hamon, MD**

NO CME PROVIDED



# AGENDA

FRIDAY, OCTOBER 3, 2025

7:30 – 8:00 AM Registration & Continental Breakfast

8:00 – 8:05 Opening Remarks

**Session 1:** *Basics in Cardiovascular Diagnostics*

8:05 – 8:25 **Basics of Hemodynamics in Heart Failure**  
Ily Kristine T. Yumul-Non, MD

8:25 – 8:45 **Early Evaluation of Patients at Risk for Heart Failure**  
KellyAnn Light-McGroary, MD, MHCDS

8:45 – 9:05 **Basics of Cardiac Implantable Electronic Device (CIED)**  
Peter Farjo, MD, MS

9:05 – 9:25 **Basics of Ischemic Evaluation**  
Yehia Saleh, MBBCh, MSc

9:25 – 9:45 **Challenging ECGs**  
James Hopson, MD

9:45 – 10:00 Q & A

10:00 – 10:20 Break

**Session 2:** *Valvular Heart Disorders: Treatment and Complications*

10:20 – 10:40 **Transcatheter Interventions**  
Phillip Horwitz, MD

10:40 – 11:00 **Valves and Arrhythmias**  
Denice Hodgson-Zingman, MD

11:00 – 11:20 **Surgical Interventions**  
Adnan Al Ayoubi, MD, PhD

11:20 – 11:40 **Medical Optimization of Valvular Disease**  
Ernesto Ruiz, MD

11:40 – 11:55 Q & A

11:55 – 1:00 PM Lunch (Journal Club—No CME)

**Session 3:** *Preventing a Clot*

1:00 – 1:20 PM **Anticoagulation in Afib and Left Atrial Appendage Closure**  
James Freeman, MD, MPH, MS

1:20 – 1:40 **Improving Access to Cardiovascular Medications**  
Laura Czerniak, PharmD, BCCP

1:40 – 2:00 **Antiplatelets for Coronary Artery Disease (CAD) Patients**  
Emma Winstead, PharmD, BCCP

2:00 – 2:20 **GLP-1 and Cardiovascular Disease Treatment**  
Leon Jons, MD

2:20 – 2:35 Q & A

2:35 – 3:00 Break

**Session 4:** *Inherited Cardiovascular Conditions*

3:00 – 3:20 **Basic Lipid Management**  
Byron Vandenberg, MD

3:20 – 3:40 **When to Refer to Genetic Counseling**  
Gabe Kringlen, MS, LGC and Maggie Freese, MS, LGC

3:40 – 4:00 **Channelopathy**  
Barry London, MD, PhD

4:00 – 4:20 **Hypertrophic Obstructive Cardiomyopathy: Basic Work-up**  
Katie Halbmaier, DNP, ARNP, FNP-BC

4:20 – 4:35 Q & A

4:35 Conference Adjourn

# AGENDA

SATURDAY, OCTOBER 4, 2025

7:30 - 8:00 AM Registration & Continental Breakfast

8:00 - 8:05 Opening Remarks

## Session 1: *Advanced Heart Failure Therapies*

8:05 - 8:25 **When to Refer Patients for Advanced Heart Failure Therapies**  
Pavida Pachariyanon, MD

8:25 - 8:45 **LVAD and Arrhythmias**  
Sergio Conti, MD, PhD

8:45 - 9:05 **Emergencies with LVAD**  
Denicia Cole, RN, BSN

9:05 - 9:25 **Cardiac Arrhythmias in Heart Transplants**  
Marmar Vaseghi, MD

9:25 - 9:45 **What to do for a Cardiac Resynchronization Therapy Non-responder and How to Optimize Device Therapy**  
Steven Bailin, MD

9:45 - 10:00 Q & A

10:00 - 10:20 Break

## Session 2: *New and Upcoming Treatment Strategies in Cardiovascular Care*

10:20 - 10:40 **New and Upcoming Therapy in Heart Failure**  
Robert Gottlieb, MD, PhD, FACC

10:40 - 11:00 **New and Upcoming Therapy in EP**  
Dhanunjaya Lakkrieddy, MD

11:00 - 11:20 **New and Upcoming Therapy in CT Surgery**  
Arun Singhal, MD, PhD, FACS

11:20 - 11:40 **What is New and Upcoming in Imaging?**  
Ola Abdelkarim, MBBCh, MSc

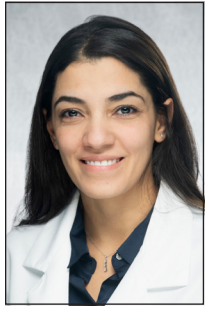
11:40 - 12:00 PM **Artificial Intelligence in Current Day Cardiovascular Medicine**  
Paari Dominic, MBBS, MPH

12:00 - 12:15 Q & A

12:15 Conference Adjourn

# PRESENTERS

## **Ola Abdelkarim, MBBCh, MSc**



Clinical Assistant Professor  
Division of Cardiovascular Medicine  
Department of Internal Medicine  
University of Iowa Health Care  
Iowa City, Iowa

## **Laura Czerniak, PharmD, BCCP**



Pharmacist  
University of Iowa Health Care  
Iowa City, Iowa

## **Adnan Al Ayoubi, MD, PhD**



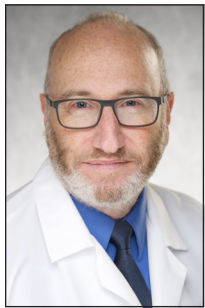
Assistant Professor  
Department of Cardiothoracic Surgery  
University of Iowa Health Care  
Iowa City, Iowa

## **Paari Dominic, MBBS, MPH**



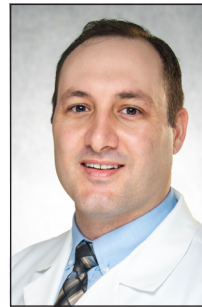
Associate Professor  
Chief, Section of Clinical Cardiac  
Electrophysiology  
Associate Director, Fellowship Program  
Division of Cardiovascular Medicine  
Department of Internal Medicine  
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Iowa City, Iowa

## **Steven Ballin, MD**



Clinical Professor  
Division of Cardiovascular Medicine  
Department of Internal Medicine  
University of Iowa Health Care  
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## **Peter Farjo, MD, MS**



Clinical Assistant Professor  
Division of Cardiovascular Medicine  
Department of Internal Medicine  
University of Iowa Health Care  
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## **Denicia Cole, RN, BSN**



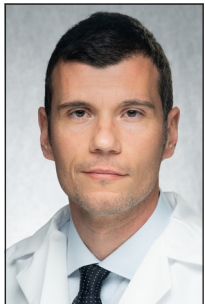
VAD Coordinator  
Heart and Vascular Center  
University of Iowa Health Care  
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## **James V. Freeman, MD, MPH, MS**



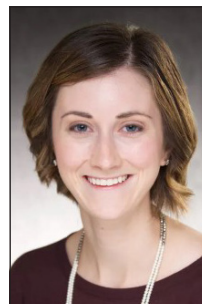
Professor of Medicine  
Director, Cardiac Electrophysiology  
Yale Medicine  
Director, Yale Atrial Fibrillation Program,  
Yale Medicine  
Yale University  
New Haven, Connecticut

## **Sergio Conti, MD, PhD, FHRS**



Clinical Assistant Professor  
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University of Iowa Health Care  
Iowa City, Iowa

## **Maggie E. Freese MS, LGC**



Licensed Genetic Counselor  
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Department of Internal Medicine  
Heart and Vascular Nephrology  
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### **Robert Gottlieb, MD, PhD, FACC**



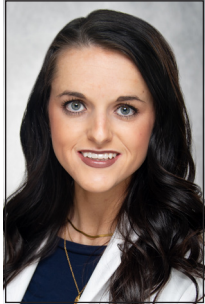
Advanced Heart Failure and Transplant  
Cardiology  
Baylor Heart and Vascular Hospital Baylor  
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Dallas, Texas

### **James Hopson, MD**



Clinical Associate Professor  
Division of Cardiovascular Medicine  
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### **Katie Halbmaier, DNP, ARNP, FNP-BC**



Nurse Practitioner  
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### **Phillip A. Horwitz, MD**



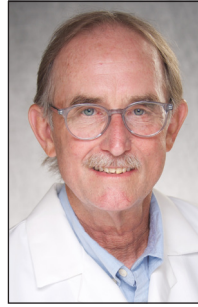
Clinical Professor  
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Executive Director, Heart & Vascular Center  
Associate Director, Interventional  
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### **Suzanne Hennings, ARNP, MSN**



Nurse Practitioner  
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### **Leon Jons, MD**



Clinical Associate Professor  
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### **Elizabeth Hinders, ARNP, DNP**



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### **Gabe Kringlen, MS, LGC**



Licensed Genetic Counselor  
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### **Denice Hodgson-Zingman, MD**



Professor  
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### **Dhanunjaya (DJ) Lakkireddy, MBA, MD, FHRS**



Vice President, Heart Rhythm Society  
Executive Medical Director  
Kansas City Heart Rhythm Institute  
Overland Park, Kansas

## **KellyAnn Light-McGroary, MD, MHCDS**



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## **Arun Singhal, MD, PhD, FACS**



Clinical Professor  
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## **Barry London, MD, PhD**



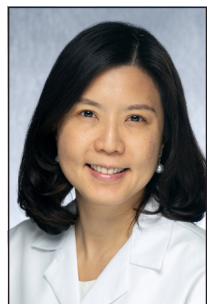
Professor and Director  
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Co-Director, Cardiovascular Research Center  
Chief, Clinical Cardiac Electrophysiology  
Associate Director, Fellowship Program  
Potter Lambert Chair in Internal Medicine  
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## **Byron Vandenberg, MD**



Clinical Professor  
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## **Pavida Pachariyanon, MD**



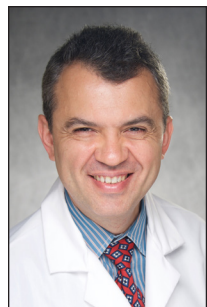
Clinical Assistant Professor  
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## **Marmar Vesaghi, MD, PhD**



Assistant Professor, Medicine/Cardiology  
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## **Ernesto Ruiz, MD**



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## **Emma Winstead, PharmD, BCCP**



Clinical Pharmacist  
Pharmacy Services  
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## **Yehia Saleh, MBBCh, MSc**



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