

# Heart Failure 360°

A MULTIDISCIPLINARY APPROACH  
VIRTUAL SYMPOSIUM

FRIDAY, OCTOBER 1, 2021

ONLINE

## SYMPOSIUM CO-CHAIRS:

Christopher Benson, MD  
Suzanne Hennings, ARNP, MSN  
Kristine Yumul, MD

## PROVIDED BY:

University of Iowa Heart and Vascular Center,  
Department of Internal Medicine, University of Iowa  
Roy J. and Lucille A. Carver College of Medicine

In collaboration with the Iowa Chapter of the American  
College of Cardiology



Iowa  
CHAPTER

Dear Colleagues,

We invite you to our 12th Annual Heart Failure Symposium, Heart Failure 360: A Multidisciplinary Approach Virtual Symposium on October 1, 2021.

We plan to take advantage of the extraordinary talent we have at University of Iowa Health Care (UI Health Care), to provide our surrounding providers and healthcare professionals with updates and reviews focused on the latest advances in heart failure.

In this one-day event, we will begin with an overview of the latest heart failure guidelines as well as diagnosis of heart failure and treatment options. Our focus will be advanced heart failure, reviewing advanced treatment options for surgical advancements, pulmonary hypertension, and cardiac diseases including valvular disease in this patient population. Our multidisciplinary symposium will also include discussions on new technologies to monitor patients and improve quality of life. We will also discuss the new therapies for cardiac amyloid and sarcoid disease as well as review treatment of congenital heart disease and hypertrophic cardiomyopathy.

Our 12th Annual Heart Failure 360 Symposium will provide opportunities to gain new knowledge, share clinical experience and network with colleagues throughout the region. We're very excited to welcome established speakers with extraordinary insight on the medical and surgical treatment options for patients with advanced heart failure. We are excited to present some new emerging therapies in diabetes and heart failure.

Please contact us or visit [medicine.uiowa.edu/cme/](https://medicine.uiowa.edu/cme/) for additional information.

We hope to see you in October!

Sincerely,



Christopher Benson, MD  
Symposium Co-chair



Suzanne Hennings, ARNP, MSN  
Symposium Co-chair

## GENERAL INFORMATION

### INTENDED AUDIENCE

Cardiologists, Surgeons, Internists/  
Hospitalists, Family Practice Physicians,  
Physician Assistants, Advanced  
Registered Nurse Practitioners, Advance  
Practice Nurses, Registered Nurses

### OBJECTIVES

Upon completion of this activity the learner should be able to:

- Discuss the most recent universal definition and classification of heart failure
- Discuss the current epidemiology of Advanced Heart Failure in the US
- Discuss the development of mechanical cardiac support
- Describe cardiogenic shock in heart failure including pathophysiology, causes, diagnosis, and treatment
- Identify risks and benefits to transcatheter aortic valve replacement vs surgical aortic valve replacement
- Recognize the clinical presentations of cardiac amyloidosis and sarcoidosis
- Identify candidates for sodium glucose cotransporter 2 (SGLT2) inhibitor initiation.
- Discuss current methods of cardiac remote monitoring
- Compare World Health Organization (WHO) pulmonary hypertension groups
- Define palliative care and hospice care and explore their integration into heart failure management
- Discuss heart failure from the patient perspective
- Discuss the diagnostic strategies including genetic testing for hypertrophic cardiomyopathy

- Describe the genetic basis of cardiomyopathies, neuromuscular disorders, and pulmonary arterial hypertension

### REGISTRATION FEES

While registration is open until the start of the symposium, we encourage early registration to enable us to provide the best possible service to participants. A \$25 fee will be charged for cancelled registrations. No refunds will be given for cancellations made after September 24, 2021.

### VIRTUAL INFORMATION

The symposium will be using the Zoom platform and syllabus materials will be available online to registered participants. Instructions and detailed information will be emailed the week of the symposium.

### CONTINUING EDUCATION CREDIT

The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

**Physician:** The University of Iowa Roy J. and Lucille A. Carver College of Medicine designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



**Nurse:** Effective March 18, 2020, Iowa nurses may use participation in ACCME-accredited education toward their CE requirement for licensure. A certificate of participation will be available after successful completion of the activity. (Nurses from other states should confirm with their licensing boards that this activity meets their state's licensing requirements.)

**Other Provider:** All participants may receive a certificate of participation for this activity. It is the responsibility of each attendee to determine if the continuing education programs they attend meet the requirements of their professional licensure board. Determination of educational content for this program and the selection of speakers are responsibilities of the program directors. Firms providing financial support did not have input in these areas.

## DISCLOSURE POLICY

Everyone in a position to control the content of this educational activity will disclose to the accredited provider all financial relationships with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. All relevant financial relationships will be mitigated.

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, creed, color, religion, national origin, age, sex, pregnancy, disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, associational preferences, or any other classification that deprives the person of consideration as an individual. The university also affirms its commitment to providing equal opportunities and equal access to university facilities. For additional information on nondiscrimination policies, contact the Director, Office of Equal Opportunity and Diversity, the University of Iowa, 202 Jessup Hall, Iowa City, IA, 52242-1316, 319-335-0705 (voice), 319-335-0697 (TDD), [diversity@uiowa.edu](mailto:diversity@uiowa.edu)

Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Continuing Medical Education Division in advance at 319-335-8599.

## FOR ADDITIONAL INFORMATION

PHONE: 319-335-8599

EMAIL: [cme@uiowa.edu](mailto:cme@uiowa.edu)

ONLINE: [Medicine.uiowa.edu/cme/](https://medicine.uiowa.edu/cme/)

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## AGENDA

- 7:15 AM**    **Registration and Continental Breakfast**
- 8:00**        **Welcome Remarks**  
Suzanne Hennings, ARNP, MSN
- 8:10**        **Definitions for Heart Failure (HFpEF and HFrEF), Updated Guidelines**  
Kristine Yumul, MD
- 8:40**        **Recognition of Advanced Heart Failure**  
Michael Viray, MD
- 9:10**        **Newest Advancements in Transplant and LVAD**  
Anthony Panos, MD
- 9:40**        **Break**
- 10:00**       **Impella and ECMO in Cardiogenic Shock**  
Jennifer Becker, ARNP, DNP
- 10:30**       **Structural Disease in Heart Failure Patients**  
Phillip Horwitz, MD
- 11:00**       **Cardiac Amyloid and Sarcoid**  
Shareef Mansour, MD
- 11:30**       **Incorporating SGLT2 Inhibitors into Contemporary Heart Failure Management**  
Laura Czerniak, PharmD, BCPs
- 12:00 PM**   **Lunch**
- 1:00**        **Remote Monitoring in Chronic Heart Failure**  
Suzanne Hennings, ARNP, MSN
- 1:30**        **Pulmonary Arterial Hypertension: WHO's and Hows**  
Traci Stewart, RN, MSN, CHFNP
- 2:00**        **Exploring the Integration of Palliative Care in Advanced Heart Failure**  
Kellyann Light-McGroary, MD
- 2:30**        **Break**
- 2:45**        **Patient Testimonial**  
Timothy Shie
- 3:15**        **Hypertrophic Cardiomyopathy**  
Katie Halbmaier ARNP, DNP
- 3:45**        **The Genetic Basis of Heart Failure**  
Ferhaan Ahmad, MD, PhD
- 4:15**        **Closing Remarks**  
Suzanne Hennings, ARNP, MSN
- 4:30**        **Adjourn**

# UNIVERSITY OF IOWA HEALTH CARE FACULTY



**Ferhaan Ahmad, MD, PhD**  
Associate Professor  
Director, Cardiovascular Genetics Program  
Division of Cardiovascular Medicine,  
Department of Internal Medicine



**Shareef Mansour, MD**  
Clinical Assistant Professor  
Division of Cardiovascular Medicine  
Department of Internal Medicine



**Jennifer Becker, ARNP, DNP**  
Department of Cardiothoracic Surgery



**Anthony Panos, MD, MSc**  
Professor  
Surgical Director of Heart Transplant,  
Mechanical Circulatory Support, and  
ECMO Programs  
Department of Surgery



**Laura Czerniak, PharmD, BCPs**  
Clinical Pharmacy Specialist  
UI Heart and Vascular Center



**Traci Stewart, RN, MSN, CHFNP**  
Pulmonary Hypertension Nurse  
Clinician  
UI Heart and Vascular Center



**Suzanne Hennings, ARNP, MSN**  
Heart Failure Program Coordinator  
Division of Cardiovascular Medicine,  
Department of Internal Medicine



**Michael Viray, MD**  
Clinical Assistant Professor  
Division of Cardiovascular Medicine,  
Department of Internal Medicine



**Katie Halbmaier, ARNP, DNP**  
Nurse Practitioner and Adjunct  
Lecturer  
Division of Cardiovascular Medicine,  
Department of Internal Medicine



**Kristine Yumul, MD**  
Clinical Assistant Professor  
Advanced Heart Failure, MCS and  
Transplant Cardiology  
Division of Cardiovascular Medicine,  
Department of Internal Medicine



**Phillip Horwitz, MD**  
Clinical Professor  
Division of Cardiovascular Medicine,  
Department of Internal Medicine

## PLANNING COMMITTEE

Christopher Benson, MD, Co-chair  
Suzanne Hennings, ARNP, MSN, Co-chair  
Kristine Yumul, MD, Co-chair  
Jessie Baker, ARNP  
Jennifer Becker, ARNP, DNP  
Amy Black

## GUEST FACULTY



Palliative Care Physician  
Iowa City VA Health Care System  
Iowa City, Iowa

**Kellyann Light-McGroary, MD, FACC, MHCDS**

## PATIENT



Director of Information  
Technology  
University of Iowa College of  
Public Health  
Iowa City, Iowa

**Timothy Shie**

# REGISTRATION

Heart Failure 360° | A Multidisciplinary Approach  
Virtual Symposium | Friday, October 1, 2021

Please Print clearly

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State/Zip \_\_\_\_\_

Primary Degree \_\_\_\_\_

SPECIALTY \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Company/Business Name \_\_\_\_\_

**For Office Use Only** PN 41965

## REGISTRATION FEES

Physician @ \$75	\$ _____
Nurse and Allied Health Professional @ \$25	\$ _____
UI Physician @ \$50	\$ _____
UI Nurse and Allied Health Professional @ \$25	\$ _____
Fellow/Resident/Student @ NO CHARGE	\$ _____

## METHOD OF PAYMENT

Enclosed is a check made payable to **The University of Iowa** in the amount of \$ \_\_\_\_\_

## TWO WAYS TO REGISTER



**Online:** <https://medicine.uiowa.edu/cme/> (click on Upcoming Programs)



**Mail (checks only):**  
University of Iowa Carver College of Medicine  
Continuing Medical Education Division  
100 Medicine Administration Building  
Iowa City, Iowa 52242-1101