



# Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

## JULY 19-21, 2024

### HYATT PLACE HOTEL

### CHARLESTON, SC

For More Information:

Visit [www.musc.edu/cme](http://www.musc.edu/cme), Call the Office of CME,  
843-876-1925 or email [cmeoffice@muscedu](mailto:cmeoffice@muscedu)



College of Medicine



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## COURSE FACULTY

### CONFERENCE DIRECTORS

#### **Sheldon Litwin, M.D., FACC, FAHA, FASE, FSCCT**

Alicia Spaulding-Paolozzi endowed chair  
South Carolina Center of Economic Excellence  
Professor of Medicine, Cardiology and Radiology  
Director of Echocardiography  
Medical University of South Carolina

### CONFERENCE CO-DIRECTORS

#### **Ryan J. Tedford, M.D., FACC, FAHA, FHFS**

Dr. Peter C. Gazes Endowed Chair in Heart Failure  
Professor of Medicine/Cardiology  
Section Chief, Heart Failure  
Medical Director, Cardiac Transplantation  
Director, Advanced Heart Failure & Transplant Fellowship  
Training Program

#### **Michael R. Zile, M.D.**

Charles Ezra Daniel Professor of Medicine  
Distinguished University Professor  
Medical University of South Carolina  
Ralph H Johnson Department of Veterans Affairs Health Care  
System

### GUEST FACULTY

#### **James Fang, M.D.**

Chief of Cardiovascular Medicine  
University of Utah School of Medicine  
Director of the Cardiovascular Service Line  
University of Utah Health Care  
John and June B. Hartman Presidential Endowed Chair Professor  
of Medicine  
University of Utah School of Medicine.

#### **G. Michael Felker, M.D., MHS, FACC, FAHA, FHFS**

Professor of Medicine  
Director of Cardiovascular Research, DCRI  
Vice-Chief of Cardiology for Clinical Research  
Duke University School of Medicine  
Duke Clinical Research Institute

#### **Martha Gulati M.D., MS FACC FAHA FASPC FESC** Director,

Preventive Cardiology  
Associate Director, Barbra Streisand Women's Heart Center  
Associate Director, Preventive and Cardiac Rehabilitation Center  
Anita Dann Friedman Endowed Chair in Women's Cardiovascular  
Medicine & Research

#### **Mikhail Kosiborod, M.D.**

Vice President of Research  
Saint Luke's Health System  
Executive Director, Cardiometabolic Center Alliance  
Director of Cardiometabolic Research  
Co-Director of the Haverty Cardiometabolic Center of Excellence  
Saint Luke's Mid America Heart Institute  
Professor of Medicine, University of Missouri-Kansas City

#### **Kavita Sharma, M.D.**

Associate Professor of Medicine  
Director, Advanced Heart Failure/Transplant Cardiology  
Director, Heart Failure with Preserved Ejection Fraction Program  
The Johns Hopkins Hospital, Baltimore, MD

#### **Harriette G.C. Van Spall, M.D., MPH, FRCPC**

Associate Professor of Medicine  
Director of E-Health and Virtual Care  
Division of Cardiology, Department of Medicine  
Department of Health Research Methods, Evidence, and Impact  
Scientist, Population Health Research Institute and  
Research Institute of St. Joe's McMaster University, Hamilton, ON

#### **David J. Whellan, MD, MHS, FACC, FAHA**

Senior Associate Provost, Clinical Science  
Associate Dean, Clinician Research  
Sidney Kimmel Medical College, Thomas Jefferson University,  
Philadelphia, PA

### MUSC FACULTY

#### **Jan Basile, M.D.**

Professor of Medicine, Division of Cardiology

#### **Anthony Carnicelli, M.D.**

Assistant Professor of Medicine, Division of Cardiology

#### **Shannon Cornell, MSN, ANP, HF-Cert**

Division of Cardiology

#### **Michelle Esposito, M.D.**

Assistant Professor of Medicine, Division of Cardiology

#### **Brian Houston, M.D.**

Associate Professor of Medicine, Division of Cardiology  
Medical Director, Mechanical Circulatory Support

#### **Daniel P Judge, M.D., FACC, FHFS**

Professor of Medicine/Cardiology  
Edwin W. and Teresa H. Rogers Endowed Professor  
Fellowship Program Director, Cardiology  
Director of Cardiovascular Genetics

#### **Danielle Krukowski, ACNP**

Division of Cardiology

#### **Vishal Rao, M.D., MPH**

Assistant Professor of Medicine, Division of Cardiology

#### **Daniel Silverman, M.D.**

Assistant Professor of Medicine, Division of Cardiology  
Section of Advanced Heart Failure & Transplant  
Ralph H. Johnson Dept. of Veterans Affairs Health Care System

#### **Ramsey Wehbe, M.D.**

Assistant Professor of Medicine, Division of Cardiology

#### **Antwanna Sharee Wright, M.D.**

Associate Professor of Medicine, Division of Cardiology

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## COURSE AGENDA

### FRIDAY, JULY 19

- 12:00 p.m. Registration and Exhibit Hall Open
- 12:50 p.m. Join Live Stream Session/Welcome  
*Session Chair, Dr. Litwin*
- 1:00 p.m. Update on GLP1 Agonists and SGLT2 Inhibitors in HFpEF, *Mikhail Kosiborod, M.D.*
- 1:35 p.m. Pathophysiologic Insights in Cardiac Structure and Function: Application to Optimize Patient Selection for Interatrial Shunting, *Michael Zile, M.D.*
- 2:10 p.m. Pharmacological Approaches to Pulmonary Vascular Disease in HFpEF, *Daniel Silverman, M.D.*
- 2:45 p.m. Break/Exhibit Hall  
*Session Chair, Dr. Silverman*
- 3:00 p.m. Genetic Testing in Patients with HFpEF: Who, How and What to do with the Results, *Daniel P Judge, M.D.*
- 3:35 p.m. HTN Management in the Prevention and Treatment of HFpEF, *Jan Basile, M.D.*
- 4:10 p.m. Break/Exhibit Hall  
*Session Chair, Dr. Tedford*
- 4:25 p.m. Management of Refractory Edema: a Primer for Heart Failure Providers, *Antwanna Sharee Wright M.D.*
- 5:00 p.m. HFpEF: Is it a Cardio-Metabolic Disease? *Kavita Sharma, M.D.*
- 5:35 p.m. Adjourn for the day
- 5:40 p.m. MOC Assessment (for those interested in receiving MOC Credit)
- 5:45 p.m. Cocktail Reception in Exhibit Hall
- 7:00 p.m. Reception Concludes

### SATURDAY, JULY 20

- 7:00 a.m. Registration/Exhibit Hall Open/Breakfast
- 7:50 a.m. Join Live Stream Session/Welcome  
*Session Chair, Dr. Zile*
- 8:00 a.m. Diuretic Therapy to Manage Congestion in HFpEF: Inpatient and Outpatient Strategies, *G. Michael Felker, M.D.*
- 8:35 a.m. Importance of Skelatal Muscle in HFpEF: Implications for Weight Management, *Sheldon Litwin, M.D.*
- 9:10 a.m. Ask the Experts: Challenges in HFpEF Management and Diagnosis, *Conference Faculty*
- 9:45 a.m. Break/Exhibit Hall  
*Session Chair, Dr. Litwin*
- 10:00 a.m. Implementation Strategies to Improve Care in Heart Failure, *Harriette GC Van Spall M.D.*
- 10:35 a.m. Targeting the nerves to improve outcomes in HFpEF: Renal artery, Pulmonary artery, and Greater Splanchnic nerve denervation, *Michelle Esposito, M.D.*
- 11:10 a.m. Break/Exhibit Hall
- 11:25 a.m. Top HFpEF Papers of the Year, *Ryan Tedford, M.D.*
- 12:00 p.m. Practical Tips for Managing Challenging, Real-World HFpEF Patients, *Shannon Cornell, MSN, ANP and Danielle Krukowski, ACNP*
- 12:45 p.m. Adjourn for the day
- 12:50 p.m. MOC Assessment (for those interested in receiving MOC Credit)



[WWW.MUSC.EDU/CME](http://WWW.MUSC.EDU/CME)



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## COURSE AGENDA

### SUNDAY, JULY 21

- 7:00 a.m. Registration/Exhibit Hall Open/Breakfast
- 7:50 a.m. Join Live Stream Session/Welcome  
*Session Chair, Dr. Litwin*
- 8:00 a.m. Sex Differences in Heart Failure,  
*Martha Gulati, M.D.*
- 8:35 a.m. Critical care issues in patients with HFpEF,  
*Anthony Carnicelli, M.D.*
- 9:10 a.m. HF with Recovered EF: A Unique Form of HFpEF?  
*James Fang, M.D.*
- 9:45 a.m. Break/Exhibit Hall  
*Session Chair, Dr. Houston*
- 10:00 a.m. Physical Therapy Intervention for Improving Outcomes and Preventing HF Hospitalization,  
*David J. Whellan, MD, MHS, FACC, FAHA*
- 10:35 a.m. NAFLD and HFpEF: Pathophysiological Links and Treatment Implications,  
*Vishal Rao, M.D.*
- 11:10 a.m. Finding and Phenotyping HFpEF in the Cath Lab: Can We Personalize Our Treatments?  
*Brian Houston, M.D.*
- 11:45 a.m. Wrap-up (Dr. Litwin, Dr. Tedford, Dr. Zile) and Adjourn until 2025
- 11:50 a.m. MOC Assessment (for those interested in receiving MOC Credit)

## HOTEL ACCOMMODATIONS

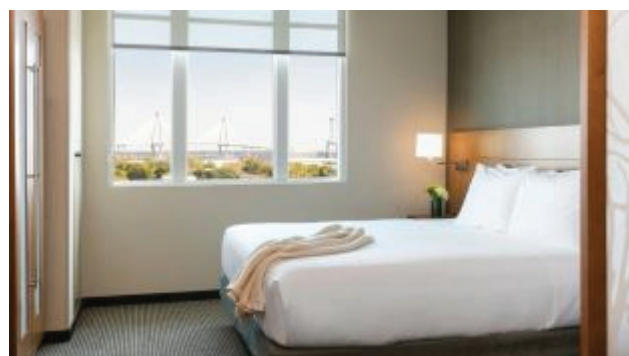
The Hyatt Place Hotel  
560 King Street  
Charleston, SC 29403  
(843) 414-4900

A block of rooms has been reserved at the Hyatt Place Charleston, 560 King Street, Charleston, SC 29403. The conference rate is **\$239++** and the room block for conference registrants will be held until **Tuesday, June 18, 2024**. *The room block may fill prior to June 18, 2024 and availability cannot be guaranteed. We suggest you make your reservation as soon as possible.* To make your reservation, please call the hotel at 1-800-993-4751 and reference the Charleston HFpEF Conference. You can also make your reservations by going to the following link: <https://www.hyatt.com/en-US/group-booking/CHSZH/G-HFP1> or the following QR Code:



**Parking:** Current Parking fees per day are as follows: Valet Parking rate is currently \$36.00 per day & will be charged to individual guest rooms on a nightly basis. Self-parking is located in the Charleston County Municipal Parking Garage located behind the Hotel. Self-parking is a separate charge paid directly to the garage upon exiting. Current fee is \$20.00 per day, and subject to change.

Make your hotel Reservation before June 18!



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## TARGET AUDIENCE

This course is intended for cardiovascular specialists, heart failure specialists, practicing cardiologists, cardiovascular advanced practice providers (NP or PA), internists, family physicians, pharmacist, cardiovascular nurses, critical care nurses, and industry representatives.

## KNOWLEDGE GAPS

There are now more patients who have Heart Failure with preserved Ejection Fraction (HFpEF) than those with reduced Ejection Fraction (HFrEF). Making the diagnosis of HFpEF is more challenging than HFrEF as many commonly used screening tools such as physical examination, echocardiography and measurement of natriuretic peptide levels are less sensitive and specific in this population. Most importantly, no therapies have yet been shown to improve major cardiovascular outcome (i.e. reductions in hospitalization rates or lower mortality). Several ongoing studies are evaluating novel treatments for this disorder.

### Physician Credit Statement

The Medical University of South Carolina designates this live activity for a maximum of 12.0 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Other Credit Statements

**Nurses:** Most states accept CMEs that apply to a specific nursing specialty as nursing continuing education. Please check with your respective State Board of Nursing to ascertain the equivalent number of contact hours offered for 12.0 *AMA PRA Category 1 Credit(s)*<sup>™</sup>.

**PAs:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit(s)*<sup>™</sup> and Prescribed credit from AAFP from organizations accredited by ACCME or a recognized state medical society. The MUSC Office of CME provides certificates to PAs with a statement, approved by AAPA, that PAs may receive a maximum of 12.0 AAPA Category 1 Credits for this conference.



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 11.75 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participants completion information to ACCME for the purpose of granting ABIM MOC credit.

## CONFERENCE OBJECTIVES

At the completion of this conference, participants should be able to:

1. Review the latest evidence on the optimal choices of diuretics in heart failure.
2. Discuss new approaches to giving advice about sodium and fluid restriction in patients with heart failure.
3. Effectively prescribe medications for weight management in patients with HFpEF
4. Engage in shared decision making with your patients about the value of newer treatments
5. Discuss the mechanisms of diastolic dysfunction in patients with HFpEF
6. Design and implement a HF clinic for follow up of recently hospitalized HF patients

## ACCREDITATION

The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## DISCLOSURE

In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education anyone involved in planning or presenting this educational activity will be required to disclose any financial relationships with any ineligible companies. An ineligible company is any entity whose primary business is producing, marketing, selling, reselling, or distributing healthcare products used by or on patients. Any financial relationships with these ineligible companies have been mitigated by the MUSC Office of CME. Speakers who incorporate information about off-label or investigational use of drugs or devices will be asked to disclose that information at the beginning of their presentation.

## AMERICANS WITH DISABILITIES ACT

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call the Office of CME at 843-876-1925.

Offering  
In-person & Virtual Registrations



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## ACCESS TO RECORDED PRESENTATIONS

The MUSC Office of CME, with the permission of each speaker, will be recording each presentation of the conference. The videos will be posted online after the conference and be available for those who are not able to live stream the entire conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date. The non-refundable fee for this service is \$100.00 and is only available to individuals registered for the conference. Access to the videos will be granted to attendees who purchase this option in advance of the conference.

Credit Designation: The Medical University of South Carolina designates this enduring material for a maximum of 0.5 *AMA PRA Category 1 Credit(s)*<sup>TM</sup> for each video. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

## REGISTRATION INFORMATION

	Early Bird (on/before 4/30/2024)	Regular (after 5/1/2024)
Practicing Physicians (Virtual or in-person)	\$400	\$450
NP, PA, RPh, Resident, Retired, Other (Virtual or in-person)	\$300	\$350
MUSC Employee* (Virtual or in-person)	\$300	\$350
Industry (Virtual or in-person)	\$300	\$350

\*MUSC Division of Cardiology faculty and staff should call the Office of CME at 843-876-1925 to register.

The fee for in-person attendance includes tuition, breaks, online syllabus, and certificates of attendance. The fee for live streaming the meeting includes tuition, online syllabus, and certificates of attendance.

Pre-registrations will be accepted until July 15, 2024 or until the conference capacity is reached. After this date, you must contact the MUSC Office of CME ([cmeoffice@musc.edu](mailto:cmeoffice@musc.edu) or 843-876-1925) to see if space is still available.

### REGISTRATION METHODS:

Please use ONE of these methods to register.

1. Mail registration form with check\* or credit card information to:

MUSC Office of CME  
96 Jonathan Lucas Street  
HE601, MSC 754  
Charleston, SC 29425

\*Checks should be made out to "Medical University of South Carolina"

2. Email/Scan Scan completed registration form to [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)

3. Complete registration through the [Online Registration Portal](#) or the following QR code:



## CANCELLATION

A refund will be made upon written request prior to June 19, 2024 less a \$100 cancellation fee. After June 19, 2024 no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs.

By registering for this conference, you acknowledge and agree to this cancellation policy

# Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction  
July 28-30, 2023



College of Medicine

By Registering for this conference, you acknowledge and agree to the cancellation policy stated below.

Name \_\_\_\_\_ Personal ID# XXX-XX- \_\_\_\_\_  
(As you would like it printed on your name badge) (Last four digits of your SSN)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Specialty \_\_\_\_\_ Degree/Credentials \_\_\_\_\_

Email \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_  
(Please provide your active email address to ensure proper receipt of all CME Credit documentation.)

## PLEASE READ THE STATEMENTS BELOW AND CHECK THE BOX IF YOU AGREE.

- YES I give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.
- NO I do not give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.

## PLEASE SELECT THE APPROPRIATE RATE(S)

Practicing Physicians  
NP, PA, RPh, Resident, Retired, Other  
MUSC Employee\*  
Industry

### Early Bird (On/Before 4/30/2024)

- \$400
- \$300
- \$300
- \$300

### Regular (After 5/1/2024)

- \$450
- \$350
- \$350
- \$300

\*MUSC Division of Cardiology faculty and staff should call the Office of CME at 843-876-1925 to register.

## PLEASE SELECT THE REGISTRATION TYPE

- In-Person Registration
- Virtual Registration

## ACCESS TO RECORDED PRESENTATIONS\*\*

- Yes, I would like access to the recorded videos for an additional fee  \$100
- No, I do not want access to the recorded videos for an additional fee  N/A
- \$100
- N/A

\*\* The videos will be posted online after the conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date

## CONFERENCE REGISTRATION MAY BE CHARGED TO:

- Enclosed Check Payable to MUSC
- MasterCard
- Visa
- Discover
- American Express

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name as it appears on card \_\_\_\_\_ CVV Security Code \_\_\_\_\_ Authorized amount to be charged \_\_\_\_\_

## REGISTRATION METHODS (Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

- Mail registration form with check made out to "Medical University of South Carolina" or credit card information to  
MUSC Office of CME  
96 Jonathan Lucas Street  
HE601, MSC 754  
Charleston, SC, 29425
- Email/Scan completed registration form to [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)
- Complete registration through the [Online Registration Portal](#)



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