42nd Annual Cardiology Update: Evidence-Based Management

June 6–9, 2018
The Francis Marion Hotel
Historic Charleston, South Carolina
During Spoleto Festival USA

For more information, contact the MUSC Office of CME: 843-876-1925, cmeoffice@musc.edu, or visit musc.edu/cme
# Course Faculty

## Course Director
- **Michael R. Gold, MD, PhD**
  - Michael Assey Professor of Medicine
  - Division of Cardiology

## Assistant Course Director
- **Christopher D. Nielsen, MD**
  - Director, Adult Cardiac Labs
  - Director, Interventional Fellowship Program
  - Associate Professor of Cardiology

## Visiting Faculty
- **Jason L. Guichard, MD, PhD**
  - Heart Failure/Transplant Cardiologist
  - Greenville Health System
  - Greenville, South Carolina
- **Mikhail N. Kosiborod, MD**
  - Associate Director, Cardiovascular Research
  - Saint Luke's Mid America Heart Institute
  - Professor of Medicine, University of Missouri
  - Kansas City, MO

## MUSC Faculty
- **Jan Basile, MD**
  - Professor

- **Michael L. Craig, MD**
  - Assistant Professor
  - Associate Director, Adult Cardiology Fellowship Program

- **K. Michael Cummings, MPH, PhD**
  - Professor
  - Department of Psychiatry and Behavioral Sciences

- **Thomas G. Di Salvo, MD, MPH, MBA**
  - Professor of Medicine
  - Director, Division of Cardiology
  - Chief, Heart & Vascular Integrated Center for Comprehensive Excellence (ICCE)

- **Johana Fajardo, NP**
  - Heart Failure Nurse Practitioner

- **Valerian L.C. Fernandes, MD**
  - Professor
  - Director, Cardiac Catherization Laboratory
  - Ralph H. Johnson, VAMC

- **Brian Houston, MD**
  - Assistant Professor
  - Medical Director, Mechanical Circulatory Support

- **Daniel P. Judge, MD**
  - Professor of Medicine
  - Director, Cardiovascular Genetics
  - Director, Adult Cardiology Fellowship Program

- **Kathleen Law, NP**
  - Heart Transplant Coordinator

- **Sheldon Litwin, MD**
  - Professor
  - Director of Cardiac Imaging
  - Spaulding Paolozzi Endowed Chair

- **Anbukarasi Maran, MD**
  - Assistant Professor
  - Director, Coronary Chronic Total Occlusion Program

- **Pamela B. Morris, MD**
  - Associate Professor
  - Director Cardiovascular Prevention Program

- **Eric R. Powers, MD**
  - Professor
  - Gazes Endowed Chair in Cardiology

- **Daniel H. Steinberg, MD**
  - Associate Professor
  - Director, Structural Heart Program

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- **Ryan J. Tedford, MD, FACC, FAHA**
  - Associate Professor of Medicine
  - Chief, Heart Failure

- **Thomas Todoran, MD, MSc**
  - Associate Professor
  - Director Cardiovascular Clinical Research
  - Director Vascular Medicine

- **Adrian B. Van Bakel, MD, PhD**
  - Professor

- **J. Marcus Wharton, MD**
  - Professor
  - Tourville Endowed Chair in Cardiology
  - Director, Electrophysiology Fellowship Program
  - Director, Frank P. Tourville Sr. Arrhythmia Center
  - Director, Clinical Cardiac Electrophysiology

- **Jeff Winterfield, MD**
  - Associate Professor
  - Director, Ventricular Arrhythmia Service

- **Alison Wynne, NP**
  - Cardiac Transplant
NEEDS STATEMENT AND PROGRAM OVERVIEW

The management of patients with cardiac disease continues to evolve. The goal of this program is to provide the most current evidence-based diagnostic and treatment strategies for your patients. Related areas to cardiology will be covered such as management of hypertension, pulmonary embolus of cardiac patients and management of heart failure. The program structure will focus on case-based presentations including lectures, breakfast cases, panel discussions, and use of our audience response system to provide opportunities for all participants to interact with the conference faculty. This four day program in clinical cardiology is designed for the cardiologist, primary care physician, internist, practicing cardiovascular specialist, cardiovascular nurse and physician assistant.

TARGET AUDIENCE & SCOPE OF PRACTICE

The four day program in clinical cardiology is designed for the cardiologist, primary care physician, internist, practicing cardiovascular specialist, cardiovascular nurse and physician assistant.

LEARNING OBJECTIVES

Upon completion of this Live Activity, participants should be able to:
• Discuss the results of the recent landmark cardiovascular outcomes trials of glucose-lowering agents in patients with Type 2 diabetes
• Describe how findings from Cardiovascular Outcome Trials are likely to impact clinical practice in the immediate future
• Describe the evolving role(s) of the cardiovascular specialist in managing CV risk among patients with T2D
• Describe key changes in the new hypertension guidelines
• Implement practical strategies to evaluate syncope
• Select appropriate statin and non-statin therapies to reduce ASCVD risk
• Discuss controversies in Coronary Artery Disease
• Determine how to evaluate and when to treat PVC’s effectively
• Decide how to incorporate new heart failure therapies into your clinical practice
• Describe the use of triple therapy in patients with stents and Afib
• Describe treatment strategies for HfPEF
• Discuss the possibility of a statewide heart failure telemedicine network
• Manage your patients with advancing heart failure

CREDIT DESIGNATION STATEMENT

PHYSICIAN CREDIT

The Medical University of South Carolina designates this live activity for a maximum of 17.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP: Application for Continuing Medical Education credits has been filed with the American Academy of Family Physicians. Determination of credits is pending.

OTHER CREDITS

American Academy of Nurse Practitioners National Certification Program accepts AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME. PAs may receive a maximum of 17.25 AAPA Category 1 Credits for completing this activity.

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 or attach a note to your registration form by May 6, 2018.

ACCREDIATION STATEMENT

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

QUESTIONS? Call the Office of CME at 843-876-1925 or email cmeoffice@musc.edu
## COURSE AGENDA

### TUESDAY, JUNE 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>3:00</td>
<td>Early Registration • Mezzanine Level (until 6:00 pm)</td>
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</tbody>
</table>

### WEDNESDAY, JUNE 6

**Moderators: Jan Basile, MD and Michael R. Gold, MD, PhD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30</td>
<td>Registration and Continental Breakfast for Registrants</td>
</tr>
<tr>
<td>8:00</td>
<td>Introduction and Welcome, Michael R. Gold, MD, PhD</td>
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<tr>
<td>8:10</td>
<td>Practice Changing Developments for Management of CVD Risk in Type 2 Diabetes, Mikhail N. Kosiborod, MD</td>
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<td>8:40</td>
<td>Key Changes in the New Hypertension Guidelines: 130/80 Replaces 140/90, Jan Basile, MD</td>
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<tr>
<td>9:10</td>
<td>Electronic Nicotine Delivery Systems, K. Michael Cummings, MD</td>
</tr>
<tr>
<td>9:40</td>
<td>Faculty Panel: Questions from Participants, Kosiborod, Basile, Cummings</td>
</tr>
<tr>
<td>10:00</td>
<td>Refreshment Break and Visit the Exhibitors</td>
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<tr>
<td>10:20</td>
<td>Is Maintenance of Sinus Rhythm Good for AF Patients? Marcus Wharton, MD</td>
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<tr>
<td>10:50</td>
<td>PVC’s: When to Worry and How to Treat, Jeffrey Winterfield, MD</td>
</tr>
<tr>
<td>11:20</td>
<td>Evaluation of Syncope, Michael R. Gold, MD, PhD</td>
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<tr>
<td>11:50</td>
<td>Faculty Panel: Questions from Participants, Wharton, Winterfield, Gold</td>
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<tr>
<td>12:10</td>
<td>Adjourn for the Day</td>
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### THURSDAY, JUNE 7

**Moderator: Christopher Nielsen, MD**

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>7:30</td>
<td>Sign In and Continental Breakfast for Registrants</td>
</tr>
<tr>
<td>7:30</td>
<td>Interesting CAD Cases: Bring your Difficult Cases, Christopher Nielsen, M.D. and Valerian Fernandes, MD</td>
</tr>
<tr>
<td>8:30</td>
<td>Statin and Non-Statin Therapies to Reduce ASCVD Risk, Jan Basile, MD</td>
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<tr>
<td>9:00</td>
<td>Controversies in Coronary Artery Disease, Valerian Fernandes, MD</td>
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<tr>
<td>9:30</td>
<td>Intervention for CTO: The Good, the Bad, and the Ugly, Anbukarasi Maran, MD</td>
</tr>
<tr>
<td>10:00</td>
<td>Triple Therapy in Patients with Stents and Afib, Eric Powers, MD</td>
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</tbody>
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**Agenda Continued on Following Page**
COURSE AGENDA (CONTINUED)

**SATURDAY, JUNE 9**

**Moderators:** Ryan Tedford, MD and Jason Guichard, MD

7:30 am  
Sign In and Continental Breakfast for Registrants

7:30  
Heart Failure Cases: *Bring your Difficult Cases*, Michael Craig, MD; Tom DiSalvo, MD; Jason Guichard, MD; Brian Houston, MD; Ryan Tedford, MD

8:30  
How Should I (or Should I) Incorporate New Heart Failure Therapies into my Clinical Practice: Sacubitril/Valsartan, Ivabradine, Patiromer, PAP Monitors and More, Jason Guichard, MD

9:00  
Advancing Heart Failure - Who are They and What to Do with Them, Brian Houston, MD

9:30  
“There is No Pulse?” What Every Non-LVAD Practitioner Needs to Know about LVADS, Michael Craig, MD

10:00  
Refreshment Break and Visit the Exhibitors

10:20  
My Vision of a Heart Failure Telemedicine Network in South Carolina, Tom DiSalvo, MD

10:50  
PFO Closure: Stroke Prevention and More, Christopher Nielsen, MD

11:50  
Course Wrap-Up

12:00 pm  
Adjourn

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**CONFERENCE HOTEL INFORMATION**

The Francis Marion Hotel, historic Charleston’s landmark full service hotel, is in the heart of Charleston’s historic district. Located at Marion Square, the Francis Marion Hotel is only a few blocks from the Charleston Visitor’s Center, the South Carolina Aquarium, restaurants, boutiques, galleries, museums, antique shops and nightlife. The hotel offers valet parking, spa, concierge, retail shops and the Swamp Fox Restaurant and Bar.

Special group rates start at $219.00, plus tax, per night. A limited number of guest rooms have been reserved and are being offered on a first come, first serve basis. The room block will be held until Monday, May 7, 2018; however the room block will fill prior to this date. In such a case, neither the group rate nor guest room availability can be guaranteed. Therefore, we recommend you make your reservation as soon as possible. Reservations can be made by calling the hotel directly at 843-722-0600 or 877-756-2121 and identifying yourself as being a participant in this conference, or by following the online directions below.

To make online reservations:
- Visit [https://tinyurl.com/42ndCardiologyUpdate](https://tinyurl.com/42ndCardiologyUpdate)
- Online Booking Code: CARDIOLOGY

Parking: Valet parking at the hotel is available at $22++ per day for overnight guests and can be added to your guest folio. In addition, self-parking is available at $17.00 per day, which must be paid directly to the parking garage in cash, MasterCard or Visa. Pricing is subject to change.

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**CANCELLATIONS**

A refund will be made upon written request prior to May 6, 2018; however $100 will be retained for administrative costs. No refunds will be made after May 6, 2018. We reserve the right to cancel the conference if necessary. Full registration fees will be refunded for canceled programs. The Medical University of South Carolina cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties. By registering for this conference, you acknowledge and agree to this cancellation policy.

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**ELECTRONIC SYLLABUS - PLEASE NOTE!**

The Conference syllabus will be provided online. Information will be emailed to you the week prior to the conference so that you may download/print a copy. A printed syllabus is available upon request at the time of your registration for an additional fee of $30.00.
REGISTRATION INFORMATION

<table>
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<tr>
<th></th>
<th>On or Before 5/1/2018</th>
<th>After 5/1/18</th>
<th>On Site</th>
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<tbody>
<tr>
<td>Physicians in Practice</td>
<td>$625.00</td>
<td>$705.00</td>
<td>$755.00</td>
</tr>
<tr>
<td>Residents, Retirees &amp; All Other Health Professionals</td>
<td>$480.00</td>
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<tr>
<td>Printed Course Syllabus</td>
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Registration fee includes continental breakfasts, coffee breaks, electronic course syllabus and credit processing.

No pre-registrations will be accepted after June 1, 2018. After this date, you must contact the Office of CME at 843-876-1925 to see if space is still available. If space is available you must register on-site. Note: There will be an increased rate for on-site registrations!

REGISTRATION METHODS
(please use one of these methods to register. do not mail if previously faxed or telephoned).

• Online: Visit www.musc.edu/cme. Please select “CME conferences” in the left hand menu, and scroll down to find “42nd annual cardiology update” and select the blue “Register” button.

• Mail: Please send registration form with check payable to “Medical University of South Carolina” or credit card information to: Odessa Ussery, Office of CME - MUSC, 96 Jonathan Lucas Street, HE 221A, MSC 754, Charleston, SC 29425

• Telephone: 843-876-1925 - Credit card only.

• Fax: 843-876-1931 - Credit card only. (secured area)

TOUR HISTORIC CHARLESTON AND EXPERIENCE SPOLETO FESTIVAL USA 2018

SPOLETO FESTIVAL USA 2018 – MAY 25 - JUNE 10

“For 17 days and nights each spring, Spoleto Festival USA fills Charleston, South Carolina’s historic theaters, churches, and outdoor spaces with performances by renowned artists as well as emerging performers in opera, theater, dance, and chamber, symphonic, choral, and jazz music. Now approaching its 42nd season, Spoleto Festival USA is internationally recognized as America’s premier performing arts festival.” -Spoletousa.org

Some selections in this year’s Festival include...

Opera
Pia de’ Tolomei
Tree of Codes
Il matrimonio segreto

Theater
The Pied Piper
Borders and Backbone
The Flying Lovers of Vitebsk

Dance
Miami City Ballet
Dorrance Dance
A.I.M

Music
Bank of America
Chamber Music
Mozart and Mahler

Wells Fargo Jazz
Fred Hersch Trio
Jon Batiste
Jazzmeia Horn

For more information, call 843-722-2764 or visit spoletousa.org

CHARLESTON, SOUTH CAROLINA

Charleston is America’s most beautifully preserved architectural and historic treasure. Formal gardens magnify the beauty of stately old homes and church bells toll the hour as history unfolds around each corner. Browse through Charleston’s famous open-air market and marvel at sweetgrass baskets and other crafts. Visit the inviting boutiques, art galleries and antique shops along Meeting and King Streets. Enjoy many of the South’s most celebrated restaurants. Experience Charleston and it’s Southern hospitality!

Voted #1 City in the USA by the readers of Condé Nast Traveler and Travel & Leisure Magazines
**REGISTRATION FORM**

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 ___________________________
(Please provide your active email address to ensure proper receipt of all CME Credit documentation)

Phone (_______) ________ - ________ Fax (_______) ________ - ________

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

☐ I do NOT want my name included on a list of participants to be included in handouts at the conference.

☐ YES, I do want a copy of the printed syllabus for $30.

☐ NO, I do not want a printed copy of the course syllabus.

**PLEASE SELECT THE APPROPRIATE RATE(S)**

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**CONFERENCE REGISTRATION MAY BE CHARGED TO:**

☐ Enclosed Check Payable to Medical University of South Carolina

☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Card Number ___________________________ Expiration Date ___________________________

Name as it appears on card ___________________________

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- **Telephone:** (843) 876-1925 – Registration by credit card only.

- **Fax:** (843) 876-1931 – Registration by credit card only.

- **Online:** Visit [www.musc.edu/cme](http://www.musc.edu/cme) and select “CME Conferences” on the left hand side, then scroll down to find this activity, select the blue “Register” button, and follow directions as prompted.

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