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
42ND ANNUAL CARDIOLOGY UPDATE
EVIDENCE-BASED MANAGEMENT
June 6-9, 2018 • Francis Marion Hotel, Charleston, South Carolina

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

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
Touville Endowed Chair in Cardiology
Director, Electrophysiology Fellowship Program
Director, Frank P. Touville Sr. Arrhythmia Center
Director, Clinical Cardiac Electrophysiology

Jeff Winterfield, MD
Associate Professor
Director, Ventricular Arrhythmia Service

Alison Wynne, NP
Cardiac Transplant

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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 AfiFb
- Describe treatment strategies for HFpEF
- Discuss the possibility of a statewide heart failure telemedicine network
- Manage your patients with advancing heart failure

**DISCLOSURE STATEMENT**

The Medical University of South Carolina Office of CME requires anyone involved in planning or presenting CME activities to disclose any relevant financial relationships with commercial interests. Established policies are in place to identify and resolve all conflicts of interest prior to prior to this educational activity. Detailed disclosure will be made in the instructional materials.

**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 CreditTM 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. PA’s 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.

**ACCREDITATION 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

3:00 pm  Early Registration - Mezzanine Level (until 6:00 pm)

## WEDNESDAY, JUNE 6

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

7:30 am  Registration and Continental Breakfast for Registrants

8:00  Introduction and Welcome, Michael R. Gold, MD, PhD

8:10  Practice Changing Developments for Management of CVD Risk in Type 2 Diabetes, Mikhail N. Kosiborod, MD

8:40  Key Changes in the New Hypertension Guidelines: 130/80 Replaces 140/90, Jan Basile, MD

9:10  Electronic Nicotine Delivery Systems, K. Michael Cummings, MD

9:40  Faculty Panel: Questions from Participants, Kosiborod, Basile, Cummings

10:00  Refreshment Break and Visit the Exhibitors

10:20  Is Maintenance of Sinus Rhythm Good for AF Patients? Marcus Wharton, MD

10:50  PVC’s: When to Worry and How to Treat, Jeffrey Winterfield, MD

11:20  Evaluation of Syncope, Michael R. Gold, MD, PhD

11:50  Faculty Panel: Questions from Participants, Wharton, Winterfield, Gold

12:10 pm  Adjourn for the Day

## THURSDAY, JUNE 7

**Moderator: Christopher Nielsen, MD**

7:30 am  Sign In and Continental Breakfast for Registrants

7:30  Interesting CAD Cases: Bring your Difficult Cases, Christopher Nielsen, M.D. and Valerian Fernandes, MD

8:30  Statin and Non-Statin Therapies to Reduce ASCVD Risk, Jan Basile, MD

9:00  Controversies in Coronary Artery Disease, Valerian Fernandes, MD

9:30  Intervention for CTO: The Good, the Bad, and the Ugly, Anbukarasi Maran, MD

10:00  Triple Therapy in Patients with Stents and Afib, Eric Powers, MD

10:30  Faculty Panel: Questions from Participants, Nielsen, Basile, Fernandes, Maran, and Powers

10:50  Refreshment Break and Visit the Exhibitors

11:10  PERT: Pulmonary Embolus Response Team, Thomas Todoran, MD

11:40  Critical Limb Ischemia, Thomas Todoran, MD

12:40  Faculty Panel: Questions from Participants, Nielsen, Todoran, Steinberg

1:00 pm  Adjourn for the Day

## FRIDAY, JUNE 8

**Moderator: Christopher Nielsen, MD**

7:30 am  Sign In and Continental Breakfast for Registrants

7:30  Heart Failure Cases: Bring your Difficult Cases, Johana Fajardo, NP; Brian Houston, MD; Kathleen Law, NP; Sheldon Litwin, MD; Ryan Tedford, M.D.; Adrian Van Bakel, MD; Alison Wynne, NP

8:30  “I’m Short of Breath, Doc”: Treatment Strategies for HFrEF, Sheldon Litwin, MD

9:00  HFrEF: Your “Frequently Asked Questions” Answered, Ryan Tedford, MD

9:30  How Do We Prevent Heart Failure 30-Day Readmissions... And Should We? Kathleen Law, NP; Alison Wynne, NP; Johana Fajardo, NP

10:00  The Role of Genetic Testing in Heart Disease, Daniel Judge, MD

10:30  Faculty Panel: Questions from Participants, Tedford, Van Bakel, Litwin, Law, Wynne, and Fajardo

10:50  Refreshment Break and Visit the Exhibitors

11:10  Difficult Afib Cases/Difficult Lipid Cases, Conference Faculty

11:55  Interesting Cases presented by MUSC Cardiology Fellows

12:45 pm  Adjourn for the Day

*Agenda Continued on Following Page*
SATURDAY, JUNE 9

COURSE AGENDA (CONTINUED)

**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

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.

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.

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

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<th>On or Before 5/1/2018</th>
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<tr>
<td>Physicians in Practice</td>
<td>$625.00</td>
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<td>Residents, Retirees &amp; All Other Health Professionals</td>
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<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
(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)

On or Before 5/1/2018 After 5/1/18 On Site

Physicians in Practice $625.00 $705.00 $755.00
Residents, Retirees & All Other Health Professionals $480.00 $555.00 $605.00
Printed Course Syllabus $30.00 $30.00 $30.00

This fee includes continental breakfasts, coffee breaks, access to online course syllabus and credit processing.

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 ___________________________

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 Odessa Ussery, Office of CME, Medical University of South Carolina, 96 Jonathan Lucas Street, HE221A, MSC 754, Charleston, SC, 29425
• Telephone: (843) 876-1925 – Registration by credit card only.
• Fax: (843) 876-1931 – Registration by credit card only.
• Online: Visit 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.

CANCELLATIONS

A refund will be made upon written request prior to May 6, 2018 less a $100 cancellation fee. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. The University 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.

www.musc.edu/cme