



24<sup>th</sup> ANNUAL

# Diabetes Fall Symposium for Primary Health Care Professionals

October 17, 2020

Charleston, SC | Virtual Live Stream Event

[DSC-2020.eventbrite.com](https://DSC-2020.eventbrite.com)



*Attend in person or virtually via live streaming*

Joint providership by the Medical University of South Carolina and the Diabetes Initiative of South Carolina (DSC), University of South Carolina College of Pharmacy, Lowcountry AHEC. In cooperation with DSC Midlands Site, SC Department of Health and Environmental Control - Division of Diabetes, Heart Disease, Obesity, and School Health.



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## CONFERENCE OVERVIEW

The 24th Annual Diabetes Fall Symposium for Primary Health Care Professionals is a 1-day symposium designed to update primary health care professionals on current management and treatment guidelines for people with diabetes. This year's event includes the option to attend in person or virtually via live streaming. The program offers workshops on topics such as pharmacology, pregnancy and diabetes, weight management, and telehealth, and is specifically designed for Primary Care Physicians, Podiatrists, Endocrinologists, Pharmacists, PharmDs, NPs, APRNs, PAs, RDs, and CDEs. The information to be presented is equally relevant to RNs, LPNs, and Social Workers.

## OVERALL OBJECTIVES

**Learning Outcomes:** The participant will modify their standard practice and incorporate current evidence-based practices and strategies when managing the patient with diabetes.

Upon completion of this conference, participants should be better able to:

- Discuss insulin resistance with diabetes.
- Identify transition models used to transfer patients from pediatric to adult diabetes management.
- Analyze strategies to manage obesity in patients with diabetes.
- Contrast the management of cardiovascular disease (CAD) with or without diabetes.
- Summarize the complications of uncontrolled diabetes following orthopedic surgery.
- Examine ocular manifestations of diabetic retinopathy including the mechanisms of visual loss.
- Review treatment options for managing gastroparesis in patients with diabetes.



## CREDIT DESIGNATION



**Pharmacists:** The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The program is accredited for a total of 7.0 live contact hours of knowledge-based and application based learning activities for pharmacists. Participants must sign-in at the registration table at the beginning of the day and attend each session for which they claim credit in its entirety. Instructions on how to complete evaluations and have credit reported to the NABP CPE Monitor will be provided. Evaluations must be completed within 30 days; any credit claimed greater than 60 days from the program will be rejected by the CPE Monitor. To view learning objectives for pharmacists and ACPE UANs, visit [cop.sc.learningexpressce.com](http://cop.sc.learningexpressce.com) to view the full activity announcement for pharmacists.

**Physicians:** Credit Statement: The Medical University of South Carolina designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This nursing continuing education activity awards a total of 7.2 contact hours. Lowcountry AHEC is an approved provider of continuing nursing education by the South Carolina Nurses Association, an accredited approver with distinction, by the American Nurses Credentialing Center's Commission on Accreditation.

**Counselors & Therapists:** This program is approved for 7.2 hours of continuing education credit. The South Carolina AHEC system is recognized as a permanent sponsor of continuing education by the South Carolina Board of Examiners of Licensure of Professional Counselors, Marriage and Family Therapists, and Psycho-Educational Specialists.

**Registered Dietitians:** This program provides a total of 7.2 contact hours.

**Social Workers:** This program is approved for a total of 7.2 non-social worker contact hours. The South Carolina AHEC system is recognized as an approved provider of continuing education by the South Carolina Board of Social Work Examiners.

**All participants:** This program is approved for 0.72 CE (7.2 clock hours) by Lowcountry AHEC and meets South Carolina AHEC Best Practice Standards. **Participants must attend 90% of the program to receive a certificate. No partial credit will be given.**

*Lowcountry AHEC is an equal opportunity employer and adheres to the requirements of the ADA statements. Neither Lowcountry AHEC nor the American Nurses Credentialing Center endorses or approves any products that may be associated with this continuing education activity.*

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## DIABETES INITIATIVE OF SOUTH CAROLINA

This program is presented by a collaborative effort of the Medical University of South Carolina and the Diabetes Initiative of South Carolina, which was created by the SC State Legislature in July 1994, as Section 44-39-20 et.seq. of SC Code of Laws, 1976 as Amended. The Diabetes Initiative is a statewide program of education, surveillance, clinical research, and translation of diabetes treatment methods to serve the needs of South Carolina residents with diabetes, with oversight functions by the Diabetes Initiative of South Carolina Board.



## DISCLOSURE STATEMENT

In accordance with the ACCME Essentials and Standards, anyone involved in planning or presenting this educational activity is required to disclose any relevant financial relationships with commercial interests in the healthcare industry. The Medical University of South Carolina, College of Medicine will employ appropriate mechanisms to resolve potential conflicts of interest to maintain the standards of fair and balanced education to the participant. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices are required to disclose that information at the beginning of their presentation.

## ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Medical University of South Carolina, and the Diabetes Initiative of South Carolina. The Medical University of South Carolina is accredited by the ACCME to provide continuing medical education for physicians.



## PARKING

FREE parking will be available in the MUSC parking garage at 91 President Street. Signs will be placed at the garage entrance for your convenience. Participants will be responsible for any fees incurred from parking in other garages or parking areas.

## IN-PERSON ATTENDANCE

To adhere to the CDC & MUSC Guidelines for group activities, temperature checks will be performed when you enter the building. Hand sanitizer and masks will be provided. Masks must be worn at all times during the event except while eating. You will be required to use social distancing and limit physical contact. Do not shake hands, give high-fives or elbow bumps, or touch others because close contact increases the risk of acquiring COVID-19.

## AMERICANS WITH DISABILITIES ACT

It is the policy of the Medical University of South Carolina not to discriminate against any persons on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in the disabilities act in order to fully participate in this continuing medical education activity, please call the Diabetes Center at (843) 876-0968, by September 30 or attach a note to your registration form.



### QUESTIONS?

Contact Julie Benke-Bennett at 843-876-0968 or [benkej@musc.edu](mailto:benkej@musc.edu)

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## 2020 AGENDA

### SATURDAY, OCTOBER 17

#### IN-PERSON:

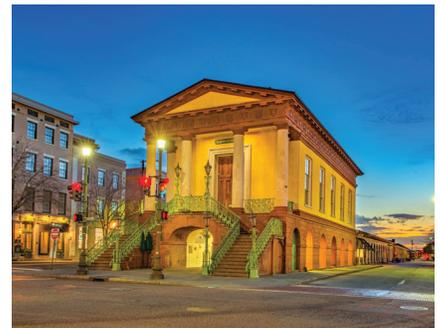
MUSC Bioengineering Building Auditorium  
70 President Street  
Charleston, SC 29425

#### ONLINE:

Attend virtually through Live Streaming:  
Participate from your laptop or desktop computer.  
Receive the same credits while attending online.

- 7:00 am Registration/Continental Breakfast/ Visit Exhibits
- 7:50 am Welcome/Moderator, *Usah Lilavivat, M.D.*
- 8:00 am Insulin Resistance: The Enigma!, *Harsha Karanchi, M.D.*
- 9:00 am Strategies and Tools to Improve the Transition from Pediatric to Adult Diabetes Care, *Katherine Lewis, M.D.*
- 10:00 am BREAK - Foyer, Visit Exhibits
- 10:30 am Multidisciplinary Management of Obesity in the Patient with Type 2 Diabetes, *Patrick O'Neil, Ph.D.*
- 11:30 am Cardiovascular Complications in Diabetes Management, *Valerian Fernandes, M.D.*
- 12:30 pm LUNCH (box lunch provided), Visit Exhibits
- 1:15 pm Diabetic Foot Management: Functional Outcomes Following Amputation & Foot Infection Management, *Christopher Gross, M.D.*
- 2:15 pm BREAK - Foyer, Visit Exhibits
- 2:30 pm Update on Diabetic Eye Diseases, *Jeffrey Blice, M.D.*
- 3:30 pm Gastroparesis Management in Patients with Diabetes, *William Lancaster, M.D.*
- 4:30 pm Adjournment

Presentation handouts will be available by October 9th at [medicine.musc.edu/diabetes-symposium](https://medicine.musc.edu/diabetes-symposium).



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## COURSE FACULTY

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### CONFERENCE PLANNING COMMITTEE

Pamela C. Arnold, MSN, APRN, BC-ADM, CDE

Julie Benke-Bennett, BBA

Yaw Boateng, MS, MPH, RD, LD, CDE

Diana Caron, MEd, BHS, RN

Kathie L. Hermayer, M.D., MS, FACE

Rhonda Hill, Ph.D., CHES

Carolyn Jenkins, DrPH, APRN, BC-ADM, CDE, FAAN

Usah Lilavivat, M.D.

Timothy J. Lyons, M.D.

Caitlin Mardis, PharmD, BCPS

Diane Mathews, MS, MT(ASCP)SH

Odessa Ussery, MEd, CHCP

## DISTINGUISHED FACULTY

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### **Jeffrey Blice, M.D.**

Professor of Medicine

Department of Ophthalmology

Medical University of South Carolina

Charleston, SC

### **Valerian Fernandes, M.D.**

Professor of Medicine

Division of Cardiology

Medical University of South Carolina

Charleston, SC

### **Christopher Gross, M.D.**

Professor of Medicine

Department of Orthopedics

Medical University of South Carolina

Charleston, SC

### **Harsha Karanchi, M.D.**

Assistant Professor of Medicine

Division of Endocrinology, Diabetes & Metabolic

Diseases Medical University of South Carolina

Charleston, SC

### **William Lancaster, M.D.**

Assistant Professor of Medicine

Department of Surgery

Medical University of South Carolina

Charleston, SC

### **Katherine Lewis, M.D.**

Professor of Medicine

Adult and Pediatric Endocrinology

Greenville Hospital System

Greenville, SC

### **Patrick O'Neil, Ph.D.**

Professor of Medicine

Institute of Psychiatry

Weight Management Center

Medical University of South Carolina

Charleston, SC

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## REGISTRATION

Pricing for Attendees	In-Person/Virtual
MD's	\$200
Other Health Care Providers	\$175
F/T Students, Interns, Residents, and Fellows	\$50

REGISTER ONLINE:  
[DSC-2020.eventbrite.com](https://DSC-2020.eventbrite.com)

## ACCOMMODATIONS

Comfort Inn Downtown Charleston and Courtyard by Marriott Charleston Waterfront are two hotels within close proximity to MUSC.

### Comfort Inn Downtown Charleston

144 Bee Street  
Charleston, SC 29401  
843-577-2224

### Courtyard by Marriott Charleston Waterfront

35 Lockwood Drive  
Charleston, South Carolina 29401  
843-722-7229



## CONTACT INFORMATION

For information about the Diabetes Initiative of South Carolina and this continuing education program, please contact:

### Julie Benke-Bennett, BBA

Program Coordinator  
Diabetes Initiative of South Carolina  
MUSC Diabetes Center  
(843) 876-0968  
(843) 792-4114 fax  
[benkej@musc.edu](mailto:benkej@musc.edu)

OR

Diana Caron, MEd, BHS, RN  
Continuing Education Coordinator  
Lowcountry AHEC  
(843) 782-5052  
(843) 782-5053 fax  
[carond@lcahec.com](mailto:carond@lcahec.com)

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## REGISTRATION FORM

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

Name \_\_\_\_\_  
*(as you would like it printed on your name badge)*

Address \_\_\_\_\_

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

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

Agency Name \_\_\_\_\_ County of Employment \_\_\_\_\_  
*(i.e. Charleston, Richland, etc.)*

Email Address \_\_\_\_\_  
*(please PRINT clearly)*

## PLEASE SELECT THE APPROPRIATE RATE(S) AND ATTENDANCE OPTION

	Rates	ATTENDANCE OPTION
MD's	<input type="checkbox"/> \$200	<input type="checkbox"/> In-person
Other Health Care Providers	<input type="checkbox"/> \$175	<input type="checkbox"/> Virtual Live Stream
F/T Students, Interns, Residents, and Fellows	<input type="checkbox"/> \$50	

*This fee includes continental breakfast, lunch, and breaks, if attending in person.*

Please list any dietary restrictions for the box lunch: \_\_\_\_\_

## REGISTRATION METHODS

Please use ONE of these methods to register:

- Mail registration form with check made out to "MUSC" to Diabetes Initiative of SC, Attn: Julie Benke-Bennett, 96 Jonathan Lucas Street, MSC 624, Charleston, SC 29425
- Online: Visit [DSC-2020.eventbrite.com](https://www.eventbrite.com)

## CANCELLATIONS

A refund of registration fees will be made upon written request prior to September 30, 2020; however, \$25.00 will be retained for administrative costs. No refunds will be made after September 30, 2020. We reserve the right to cancel the program if necessary and full registration fees will be refunded. The Medical University of South Carolina cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.



Diabetes Initiative of South Carolina  
Medical University of South Carolina  
Division of Endocrinology, Diabetes, and Metabolic Diseases  
96 Jonathan Lucas Street, Suite 822  
MSC 624  
Charleston, SC 29425

[musc.edu/dom/dsc](http://musc.edu/dom/dsc)





**24<sup>th</sup> Annual Diabetes Fall Symposium for Primary Health Care Professionals**  
**Saturday, October 17, 2020**  
**Learning Objectives for Pharmacists**

<b>8:00 am - 9:00 am</b>	<p><b>Insulin Resistance: The Enigma!</b>          Harsha Karanchi, MD; MUSC Endocrinology  <i>ACPE UAN 0062-9999-20-155-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss insulin resistance in patients with diabetes</li> <li>2. Contrast insulin resistance in youths and adults, with pre-diabetes and type 2 diabetes</li> <li>3. Summarize practical management strategies</li> </ol>
<b>9:00 am - 10:00 am</b>	<p><b>Strategies &amp; Tools to Improve the Transition from Pediatric to Adult Diabetes Care</b>          Katherine A. Lewis, MD, MSRP; Prisma Health Upstate Adult and Pediatric Endocrinology  <i>ACPE UAN 0062-9999-20-156-L01-P, 1.0 contact hours, knowledge-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify transition models used to transfer patients from pediatric to adult diabetes management</li> <li>2. Review the role of developmental stages in the transition process</li> <li>3. Summarize transition models</li> <li>4. Discuss patient education</li> </ol>
<b>10:30 am – 11:30 am</b>	<p><b>Multidisciplinary Management of Obesity in the Patient with Type 2 Diabetes</b>          Patrick O’Neil, PhD; MUSC Weight Management  <i>ACPE UAN 0062-9999-20-157-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Analyze strategies to manage or prevent obesity in patients with diabetes</li> <li>2. Define overweight and obesity</li> <li>3. Discuss the effects of using technology and telehealth</li> <li>4. Review anti-obesity medications</li> </ol>
<b>11:30 am – 12:30 pm</b>	<p><b>Cardiovascular Complications in Diabetes Management</b>          Valerian Fernandes, MD; MUSC Cardiology  <i>ACPE UAN 0062-9999-20-158-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Contrast the management of cardiovascular disease (CAD) with or without diabetes</li> <li>2. Describe the similarities and differences in the management of patients with CAD with and without diabetes</li> <li>3. Discuss prevention and management of heart disease in diabetes mellitus</li> <li>4. Apply guidelines and achieve target goals more appropriately for patients with diabetes</li> <li>5. Select newer medications and revascularization options wisely for patients with diabetes and CAD</li> </ol>
<b>1:15 pm – 2:15 pm</b>	<p><b>Diabetic Foot Management: Foot Infection Management &amp; Outcomes Following Amputation</b>          Christopher Gross, MD; MUSC Orthopedics  <i>ACPE UAN 0062-9999-20-159-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Summarize complications of uncontrolled diabetes following orthopedic surgery</li> <li>2. Discuss glucose control and the risk of wound infection in people with diabetes</li> <li>3. Analyze outcome data of amputations in people with diabetes</li> </ol>
<b>2:30 pm – 3:30 pm</b>	<p><b>Update on Diabetic Eye Diseases</b>          Jeffrey Blice, MD; MUSC Ophthalmology  <i>ACPE UAN 0062-9999-20-160-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Examine ocular manifestations of diabetic retinopathy including the mechanisms of visual loss</li> <li>2. Review the non-retinal ophthalmologic complications of diabetes</li> <li>3. Describe prevention strategies</li> <li>4. Assess the role and implementation of tele-ophthalmology to improve adherence to annual eye exams</li> <li>5. Describe new methods for assessing diabetic eye disease</li> <li>6. Summarize new treatments for diabetic eye disease</li> </ol>
<b>3:30 pm – 4:30 pm</b>	<p><b>Gastroparesis Management in Patients with Diabetes</b>          William Lancaster, MD; MUSC Surgery  <i>ACPE UAN 0062-9999-20-161-L01-P, 1.0 contact hours, application-based activity</i>  <i>At the conclusion of this activity, the participant will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Review treatment options for managing gastroparesis in patients with diabetes</li> <li>2. Describe current treatment options for gastroparesis</li> <li>3. Analyze outcome data of the surgical interventions for gastroparesis in patients with diabetes</li> </ol>



The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The program is accredited for a maximum of **7.0 live contact hours** for pharmacists. Participants must sign-in at registration table at the beginning of the day and attend each session for which they claim credit in its entirety, participating in all active learning activities and learning assessments. Instructions on how to complete evaluations to have credit reported to the NABP CPE Monitor will be provided. Evaluations should be completed within 30 days (with provision of the correct NABP e-Profile ID and month/day of birth); **any credit claimed greater than 60 days from the program will be automatically rejected by the NABP CPE Monitor.**

