Diabetes Strategies for the 21st Century

February 7 & 8, 2017
North Charleston Marriott
North Charleston, SC

Sponsored by:
The Diabetes Initiative of South Carolina,
Medical University of South Carolina, Diabetes Center, Charleston, SC
SC College of Pharmacy
Lowcountry AHEC
Diabetes Strategies for the 21st Century
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Diabetes Initiative of South Carolina
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List of Supporters
Supporters

We would like to thank the following company for their support of this program through an educational grant.

Medtronic, Inc/Diabetes
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Abbvie

Insulet Corporation

NovoNordisk

sanofi
Continuing Education Hours
ACCREDITATION AND CREDIT

**Nurses:** This nursing continuing education activity awards 14.4 contact hours upon successful completion (Day One - 7.2; Day Two - 7.2).

Lowcountry AHEC (Provider Number 1601-002PR, Expiration Date January 11, 2019) is an approved provider of continuing nursing education by the South Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

*Neither Lowcountry AHEC nor the American Nurses Credentialing Center endorses or approves any products that may be associated with this continuing education activity.*

**Other Health Professionals:** This program provides a total of 1.4 CE (14.0 clock hours:  Day One - 7.2; Day Two - 7.2) by Lowcountry AHEC and meets South Carolina AHEC Best Practice Standards.

**Pharmacists:** The South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. The program is accredited for a total of 14 contact hours (Day One - ACPE#0062-9999-17-013-L01-P for 7.0 [0.7 ceus]; Day Two - ACPE#0062-9999-17-014-L01-P for 7.0 [0.7 ceus]). Participants must sign-in at registration each day and attend entire program. Instructions to complete evaluations and report credit will be provided. A complete listing of all learning objectives will be provided at the conference. This is a knowledge based activity.

*Note: Participants must attend 90% of the education offering to receive a certificate of attendance. No partial credit will be given.*

**ADA Continuing Education Requirements:** 14 hours of Continuing Education are required annually for all non-CDE or BC-ADM Instructional Staff for multi-discipline programs.
Course Objectives
Course Objectives

At the end of the program, the participant will be able to:

• Review the pathogenesis of diabetes mellitus (DM).

• Discuss principles of DM management in childhood through adolescence.

• Explain diabetes management in pregnancy.

• Analyze Medical Nutrition Therapy as an approach to the non-pharmacological management of DM.

• Apply the pharmacological treatment of diabetes to case studies.

• Discuss three acute complications of diabetes with treatment modalities.

• Describe the vascular complications of DM.

• Explain the microvascular complications of diabetic eye disease.

• List the psychosocial aspects of DM.

• Identify principles of glucose monitoring.

• Discuss exercise in the management of DM.

• Review DM self-management with regard to the American Association of Diabetes Educators 7™ (AADE 7).
List of Faculty
FACULTY

Pamela C. Arnold, MSN, APRN, BC-ADM, CDE
Clinical Director, Diabetes Center
Program Director, Diabetes Management Service
Medical University of South Carolina, Charleston, SC

Jyotika Fernandes, MD
Assistant Professor of Medicine
Division of Endocrinology, Diabetes and Medical Genetics
Medical University of South Carolina, Charleston, SC

Christopher Goodier, MD
Assistant Professor of Medicine
Department of Obstetrics/Gynecology
Medical University of South Carolina, Charleston, SC

Elizabeth Todd Heckel, MSW, CDE
Program Director, DSC Midlands Site
University of South Carolina, Columbia, SC

Kathie L. Hermayer, MD, MS, FACE
Professor of Medicine
Division of Endocrinology, Diabetes and Medical Genetics
Medical University of South Carolina, Charleston, SC

Shay Kelly, BS, MSS, BSN, CDE
Certified Diabetes Educator
Ralph H. Johnson VA Medical Center, Charleston, SC

Katherine Lewis, MD
Assistant Professor of Medicine
Division of Endocrinology, Diabetes and Medical Genetics
Medical University of South Carolina, Charleston, SC

Jennifer Z. McCrudden, MSN, FNP-C, CDE
Diabetes Nurse Practitioner
Division of Endocrinology, Diabetes and Medical Genetics
Medical University of South Carolina, Charleston, SC

Courtney Morrissey, MS, RD, LD
Clinical Dietitian
Sodexo, Charleston, SC

Sharon Schwarz, APRN, MSN, CDE
Diabetes Educator, Division of Pediatric Endocrinology
Medical University of South Carolina, Charleston, SC

Wayne Weart, PharmD, BCPS, FASHP, FAPhA
Professor of Pharmacology, College of Pharmacy
Medical University of South Carolina, Columbia, SC
Faculty Disclosure Statements

The Medical University of South Carolina endorses the Standards of the Accreditation Council for Continuing Medical Education. The contributors to this symposium have provided disclosure information that is listed below.

The following information has been disclosed:

**Presenter:**
Pamela C. Arnold, MSN, APRN, BC-ADM, CDE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
Advisory Board: sanofi

Jyotika Fernandes, MD

Christopher Goodier, MD  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
Clinical Research: Novo Nordisk

Elizabeth Todd Heckel, MSW, CDE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships

Kathie L. Hermayer, MD, MS, FACE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
Research Support: Novo Nordisk

Shay Kelly, BS, MSS, BSN, CDE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships

Katherine Lewis, MD

Jennifer Z. McCrudden, MSN, FNP-C, CDE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships

Courtney Morrissey, MS, RD, LD  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships

Sharon Schwarz, APRN, MSN, CDE  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships

Wayne Weart, PharmD, BCPS, FASHP, FAPhA  
Does not intend to discuss an unapproved/investigative use of a commercial product/device  
No significant financial relationships
Program
Tuesday, February 7, 2017
Tuesday, February 7, 2017

7:00 am  Registration and Continental Breakfast
7:30 am  Diabetes in Children and Adolescents
         Sharon Schwarz, APRN, MSN, CDE
8:30 am  Pathogenesis of DM
         Kathie L. Hermayer, MD, MS, FACE
9:30 am  Break/Visit Exhibits
10:00 am Meters, Monitors & Pumps
         Jennifer Z. McCrudden, MSN, FNP-C, CDE
11:00 am Medical Nutrition Therapy for Diabetes (Part 1)
         Courtney Morrissey, MS, RD, LD
12:00 pm Lunch (ON YOUR OWN)
1:30 pm  Medical Nutrition Therapy for Diabetes (Part 2)
         Courtney Morrissey, MS, RD, LD
2:30 pm  Pharmacological Approaches for Diabetes (Part 1)
         Wayne Weart, PharmD, BCPS, FASHP, FAPhA
3:30 pm  Break/Visit Exhibits
3:45 pm  Pharmacological Approaches for Diabetes (Part 2)
         Wayne Weart, PharmD, BCPS, FASHP, FAPhA
4:45 pm  Complete Evaluations
         Adjourn

Slides for each presentation are available at http://www.musc.edu/diabetes
Program
Wednesday, February 8, 2017
Wednesday, February 8, 2017

7:00 am  Registration and Continental Breakfast

7:30 am  DKA, HHNK and Hypoglycemia  
          Katherine Lewis, MD

8:30 am  Macrovascular Complications  
          Jyotika Fernandes, MD

9:30 am  Break/Visit Exhibits

10:00 am  Microvascular Complications  
           Jyotika Fernandes, MD

11:00 am  Psychosocial Aspects of Diabetes  
           Elizabeth Todd Heckel, MSW, CDE

12:00 pm  Lunch (ON YOUR OWN)

1:30 pm  Pregnancy and Diabetes  
           Christopher G. Goodier, MD

2:30 pm  Activity and Diabetes: Benefits, Precautions and Guidelines  
           Shay Kelly, BS, MSS, BSN, CDE

3:30 pm  Break/Visit Exhibits

3:45 pm  Diabetes Self-Management & the AADE 7  
           Pamela C. Arnold, MSN, APRN, BC-ADM, CDE

4:45 pm  Complete Evaluations  
           Adjourn

Slides for each presentation are available at [http://www.musc.edu/diabetes](http://www.musc.edu/diabetes)