



EVIDENCE-BASED DRUG THERAPY UPDATE

MAY 11-12, 2023
CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD
NORTH CHARLESTON, SC

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COURSE FACULTY

CONFERENCE CHAIRS

C. Wayne Weart, Pharm.D., BCPS, FASHP, FAPhA
Professor of Clinical Pharmacy and Outcome Sciences
MUSC College of Pharmacy, MUSC Campus
Professor of Family Medicine, Department of Family Medicine

Scott W. Bragg, Pharm.D., BCPS
Associate Professor
MUSC College of Pharmacy and Department of Family Medicine
MUSC College of Pharmacy, MUSC Campus

FACULTY

Jan Basile, MD
Professor of Medicine
Division of Cardiology
Medical University of South Carolina
Ralph H Johnson VA Medical Center
Charleston, SC
Previous Vice-Chair, Clinical Programs,
AHA Council on Hypertension
US National Leader SURPASS-CVOT

Kristy Brittain, PharmD, BCPS, CDCES
Associate Professor of Clinical Pharmacy Specialist
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Department of Clinical Pharmacy and Outcome Sciences
Medical University of South Carolina

Russell Blackwelder, M.D., M.Div., C.M.D.
Associate Professor
Director of Geriatric Education
Director of Community Geriatrics
MUSC Department of Family Medicine

Robert Malcolm, M.D.
Physician
Director, Outpatient Substance Abuse Programs
Medical University of South Carolina Health Institute of Psychiatry

Marty Player, M.D.
Associate Professor
College of Medicine
Department of Family Medicine
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Sarah Relyea-Logan, M.D.
Family Practice Specialist
Mount Pleasant, South Carolina

Nicholas Shungu, M.D.
Assistant Professor
Department of Family Medicine
Medical University of South Carolina

Terrence E. Steyer, M.D., FAAFP
Professor
Department of Family Medicine
Dean, College of Medicine
Vice President for Medical Affairs
Medical University of South Carolina

Charlie Strange, M.D.
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Department of Medicine
Division of Pulmonary Medicine, Critical Care,
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COURSE AGENDA

At the end of each presentation, learners should be better able to achieve the respective objectives stated.

THURSDAY, MAY 11, 2023

7:15 am Registration & Breakfast

8:00 Buprenorphine to Treat Chronic Pain and Opioid Use Disorder
Sarah Relyea-Logan, M.D.

Recognize when to prescribe buprenorphine with more confidence in its safety. Define when to apply easily to get their buprenorphine waiver in a "ever changing" licensing system. Discuss the "grey zone" that exists where Opioid Use disorder, Chronic pain and Opioid Misuse intersect.

9:00 Asthma Update 2023, **Charlie Strange, M.D.**

Differentiate the diagnostic and treatment differences between Asthma and COPD. Apply single maintenance and reliever therapy (SMART) in your asthma practice. Choose appropriate patients with lung disease for inhaled corticosteroid (ICS) therapy

10:00 Break

10:15 COPD 2023, **Charlie Strange, M.D.**

Chose appropriate first line therapy for patients with COPD. Apply exacerbation reduction techniques to COPD management. Choose appropriate patients for inhaled corticosteroid (ICS) therapy

11:15 Updates from the US Preventive Services Task Force, **Terrence Steyer, M.D.**

Discuss the categories of recommendations of the US Preventive Services Task Force. List three drug-specific recommendations of the US Preventive Services Task Force

12:15 pm Lunch on your own

1:45 Mind Blowing: An Update on Anxiety/Depression, **Elizabeth Weed, Pharm.D.**

Develop familiarity with the recommendations in the updated guidelines. List the new pharmacological and non-pharmacological interventions available and identify their place in treatment. Discuss the emerging evidence of psychedelics as a potential treatment option.

2:45 Innovative Approaches to HIV Prevention: The Intersection of PrEP, Telemedicine, and Expanded Roles for Pharmacists in Ending the Epidemic, **Marty Player, M.D.**

Identify the current HIV epidemic and prevalence in the United States and describe the role of pharmacists in HIV prevention and treatment.. Discuss the benefits and limitations of PrEP (pre-exposure prophylaxis) for HIV prevention, including dosing, adherence, and side effects. Explain how to assess patients for HIV risk and provide patient-centered counseling to improve their understanding and uptake of PrEP. Describe the use of telemedicine and telePrEP in improving access to HIV prevention and care, including advantages and limitations compared to in-person visits. Provide recommendations for pharmacists to incorporate HIV prevention including potential use of telemedicine into their practice to enhance patient engagement, adherence, and health outcomes.

3:45 Break

4:00 Update on Resistant Hypertension, **Jan Basile, M.D.**

Define the definition of resistant hypertension. Discuss the clinical workup of resistant hypertension including the importance of 24-hr ABPM (when available) vs home BP monitoring. Recognize the importance of lifestyle modification and the evidence for the use of chlorthalidone vs. HCTZ, and mineralocorticoid receptor antagonism (spironolactone or eplerenone) to improve BP control in those with resistant hypertension. Recognize the importance of secondary hypertension in those with resistant hypertension.

5:00 Conclude for the Day

FRIDAY, MAY 12, 2023

7:15 am Registration & Breakfast

8:00 Medication Update for Weight Loss, **Robert Malcolm, M.D.**

RECALL the list and history of Obesity medication RECALLS. Recite the mechanisms of actions of GLP-1 agonists and list common and serious adverse events. apply a bio-psycho-social model to the problems of obesity in patients and communities.

(continued on the following page)

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FRIDAY, MAY 12, 2023 (Continued)

- 9:00 Critical Evaluation of Research: Appraisal Skills for Clinicians
Erin Weeda, Pharm.D.

List study design characteristics that increase the internal validity of a randomized controlled trial. Identify factors that impact the generalizability of a randomized controlled trial. Given a non-inferiority margin and study results, determine if non-inferiority was met.

- 10:00 Break

- 10:15 Immunization Update 2023
Kristy Brittain, Pharm.D.

Discuss legal and regulatory updates impacting the provision of immunizations. Identify appropriate methods for vaccine administration and emergency response. Discuss current ACIP recommended vaccines for pediatric and adult populations. Apply knowledge utilizing vaccine schedules to a patient case.

- 11:15 Sometimes Less, Less so More: Geriatric Drug Therapy
Russell Blackwelder, M.D.

Implement a plan for deprescribing in older adults. Recommend interventions for healthy aging in older patients. Prescribe effective medications with a reasonable time to benefit geriatric patients.

- 12:15 pm Lunch on your own

- 1:45 Appropriate Use of Race in Medicine Update
Nicholas Shungu, M.D.

Explain race as a sociopolitical and not a genetic construct. Identify instance where race has been used inappropriately in medicine. Describe how race is currently used in clinical decision making. Evaluate the appropriate use of race in clinical notes and teaching materials

- 2:45 New Updates in Treating Patients with Osteoporosis
Scott Bragg, Pharm.D.

Describe and discuss the newest guidelines for patients with diabetes including the evidence on which they are based, and when and how to apply them in selected patients.

- 3:45 Break

- 4:00 New Drug Update 2022-2023,
Wayne Weart, Pharm.D.

Describe the 2022 updated Heart Failure Guidelines from the ACC/AHA/HFSA to include all four types of heart failure and the updated data for the guideline recommended medications. Describe the 2023 ADA Standards of Care/guidelines for patients with Type 2 diabetes. Discuss the 2022 updated ACC/AHA guidelines for lipid lowering therapy and the potential use of omega 3 fatty acids, bempedoic acid and Inclisiran.

- 5:00 Conclude until 2024

Dates for combined Evidence Based Drug Therapy and Family Medicine Meeting are, February 5-9, 2024 at The Hyatt Place Charleston Historic District

CHARLESTON, SC

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*



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COURSE DESCRIPTION

The Evidence-Based Drug Therapy Update is designed to assist primary care providers with the how, when and why to consider the application of new knowledge and/or new medications where appropriate based upon the evidence that is available at the time. Areas where considerable new information and/or medications have become available in the last year will be included in this update.

STATEMENT OF PURPOSE

Our primary goal is to provide these practitioners with the most appropriate, up-to-date, cost-effective and evidence based pharmacotherapy information so that they can apply this information to the care of their patients. Our overall goal is to assist these providers in obtaining the best patient oriented outcomes for their patients.

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 1.0 *AMA PRA Category 1 Credit(s)*[™] for each video. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

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.

CREDIT DESIGNATION

The Medical University of South Carolina designates this live activity for a maximum of **14.0 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 credit has been filed with the American Academy of Family Physicians. Determination of credits is pending.



Pharmacy Accreditation: The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This activity is eligible for ACPE credit; see final CPE activity announcement for specific details

Nursing Credit: 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 *14.0 AMA PRA Category 1 Credit(s)*[™].

Advanced Practice Registered Nurses: This continuing education activity awards a total of 14.0 PH (pharmacology hours). Hours are for controlled substances are TBD.

PLEASE NOTE: For non-pharmacy attendees, you now receive your CME and CEU credits online. After the conference, you will be emailed instructions and a link to claim your credit online and print your credit certificate. On the registration form, please provide the email address that you actively use to ensure that you receive these important emails.



QUESTIONS?

Call the Office of CME
at 843-876-1925 or
email cmeoffice@musc.edu

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REGISTRATION INFORMATION

	Early Bird (on or before 2/28/2023)	Regular (after 2/28/2023)
Practicing Physicians (Virtual or in-person)	\$450	\$500
NP's, PA's, RPh, Residents (Virtual or in-person)	\$450	\$500
Students (MUSC) (Virtual or in-person)	\$250	\$275

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.

No pre-registrations will be accepted after **May 8, 2023**. After this date, you must contact the Office of CME at 843-876-1925 to see if space is still available.

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

1. Mail registration form with check made out to "Medical University of South Carolina" or credit card information or credit card information to MUSC Office of CME
96 Jonathan Lucas Street,
HE221A, MSC 754,
Charleston, SC, 29425
2. Telephone: (843) 876-1925 – Registration by credit card only
3. Complete Registration through the Online Registration Portal

ACCOMMODATIONS

A block of rooms have been reserved at the Crowne Plaza Hotel at the discounted rate of **\$155.00**, plus 14% tax. This special rate will be offered until **Sunday, April 23, 2023**.

Crowne Plaza Hotel
4831 Tanger Outlet Boulevard
North Charleston, SC 29418

To book your Hotel Reservations by phone, call 843-744-4422 or Toll Free 877-747-7301 and reference group "Evidence Based Drug Therapy".

To book your hotel reservations online, visit the following link:
[CROWNE PLAZA BOOKING LINK](#)

CANCELLATIONS

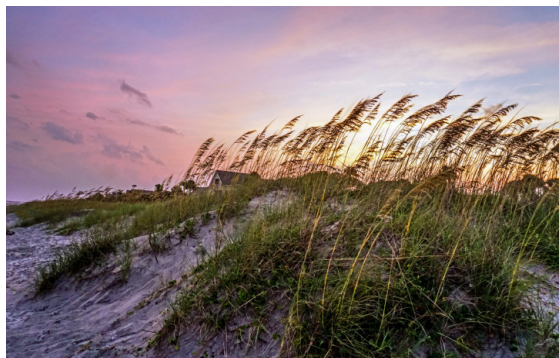
A refund will be made upon written request **prior to April 8, 2023**, less a \$100 cancellation fee. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

ELECTRONIC SYLLABUS

In our efforts to "go green", the 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.

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.



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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)

	Early Bird (on or before 2/28/2023)	Regular (after 3/1/2023)
Practicing Physicians	<input type="radio"/> \$450	<input type="radio"/> \$500
NP's, PA's, RPh, Residents	<input type="radio"/> \$450	<input type="radio"/> \$500
Students (MUSC)	<input type="radio"/> \$250	<input type="radio"/> \$275

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 of \$100.00
- ☐ No, I do not want access to the recorded videos for an additional fee of \$100.00

** 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 Medical University of South Carolina ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Card Number _____ Expiration Date _____

Name as it appears on card _____ CVV _____

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