



Frontiers in Pediatrics

December 1-3, 2023
Francis Marion Hotel
Charleston, South Carolina

Presented by the
Medical University of South Carolina
Department of Pediatrics
Office of Continuing Medical Education



Course Description

The Division of General Pediatrics, MUSC - Department of Pediatrics, is pleased to present a three-day Continuing Medical Education Course designed to meet the needs of pediatric primary care practitioners, including Pediatricians, Family Physicians, and Nurse Practitioners. The course is organized to allow extensive discussion with presenters by limiting pure lecture presentations.

Learning Objectives: At the completion of this conference you should be able to achieve the objectives listed under each topic. The conference will be presented in lecture format with question and answer sessions.

Credit Designation

The Medical University of South Carolina designates this live activity for a maximum of **16.0 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 credits has been filed with the American Academy of Family Physicians. Determination of credits is pending.

Nurses: 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 **16.0 AMA PRA Category 1 Credit(s)[™]**.

PLEASE NOTE: 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.

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.

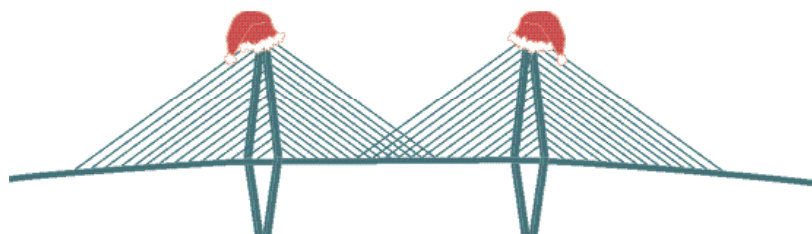
Disclosure Statement

In accordance with the ACCME Essentials and Standards, anyone involved in planning or presenting this educational activity will be required to disclose any financial relationships with any ineligible companies. This information will be made available to participants at the beginning of the activity. 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

Offering in-person
and
virtual attendance

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.





Conference Director

James R. Roberts, MD, MPH, FAAP
Professor
Division of General Pediatrics
Department of Pediatrics
Medical University of South Carolina

Conference Co-Directors

William T. Basco, Jr., MD, MS, FAAP
Professor
Director, Division of General Pediatrics
Department of Pediatrics
Medical University of South Carolina

J. Routt Reigart, MD, FAAP
Professor Emeritus
Division of General Pediatrics
Department of Pediatrics
Medical University of South Carolina

Visiting Faculty

Laurie Armsby, MD FAAP
Professor of Pediatrics
Director, Pediatric Cardiology Fellowship
President, Society of Pediatric Cardiology
Training Program Directors
Division of Pediatric Cardiology
Oregon Health Sciences University
Portland, OR

Katie Hodgson, M.Ed, MA, CCC-SLP
Speech-Language Pathologist
Charleston, SC

Lisa Knight, MD, MBA
Associate Professor of Pediatrics
Division of Pediatric Endocrinology
Prisma Health Midlands -University of
South Carolina School of Medicine
Columbia, SC

Sarah Raatz, MD, MS
Assistant Professor of Pediatrics
Center for Pediatric Obesity Medicine
University of Minnesota
Minneapolis, MN

Kristin Rager, MD, MPH, FAAP, FSAHM
Medical Director
Nashville CARES
Nashville, TN

Medical University of South Carolina Faculty

Michelle Amaya, MD, MPH
Associate Professor, MUSC Dept of Pediatrics
Medical Director, Level 1 Nursery

Erin Balog, MD
Associate Professor of Pediatrics
Division of General Pediatrics

Kirstin Campbell, MD
Assistant Professor of Pediatrics
Section of Palliative Care

McLeod Frampton Gwynette, MD
Professor of Psychiatry & Behavioral Sciences
Professor of Pediatrics

Richard Jones, MD
Assistant Professor
Department of Radiology and Pediatrics

Ian Kane, MD
Associate Professor, Division of Pediatric Emergency Medicine
Associate Fellowship Director, Pediatric Emergency Medicine

Christine San Giovanni, MD
Associate Professor of Pediatrics
Division General Pediatrics

Katherine Silver, MD, MSCR
Assistant Professor, Department of Medicine
Division of Rheumatology & Immunology

Christopher Stem, MD
Assistant Professor of Pediatrics
Division of Pediatric Emergency Medicine

Stephen Thacker, MD, FAAP
Associate Professor of Pediatrics
Division Pediatric Infectious Diseases

Sara Van Nortwick, MD
Assistant Professor of Orthopaedics
Department of Orthopedics

Elizabeth Wallis, MD, MSHP, FAAP
Associate Professor, Departments of Pediatrics and
Psychiatry
Director, Division of Adolescent Medicine and MUSC
Health Center for Eating Disorders

C. Wayne Weart, PharmD, BCPS, FASHP, FAPhA
Professor Emeritus Department of Clinical
Pharmacy and Outcome Sciences
Professor of Family Medicine
SC College of Pharmacy - MUSC Campus

Melanie Wiley Gail, MD-PhD Student
MUSC College of Medicine

Kelli Williams, MD, MPH
Associate Professor of Pediatrics, Section Chief of
Division of Pediatric Allergy and Immunology

**Course Schedule**

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

Friday, December 1

- 7:15 **Registration and Breakfast**
- 7:55 **Welcome/Login Virtual Attendees**
- 8:00 **Puberty: Too Early or Too Late**
Lisa Knight, MD, MBA
Assess the pubertal stage of a child; Distinguish between normal, precocious, or delayed puberty; Generate a differential diagnosis for both precocious and delayed puberty
- 9:00 **Neonatal Infections: Old & New**
Stephen Thacker, MD, FAAP
Be prepared to screen for and manage congenital syphilis; Highlight recent changes in guidelines on breastfeeding in mother with HIV; Review of new evidence on the management of the febrile neonate
- 10:00 **Break with exhibitors**
- 10:30 **Rheumatology Pearls for the Pediatric Provider**
Katherine Silver, MD, MSCR
Develop a differential for the child presenting with joint pain/swelling; Determine which children require referral to Rheumatology and how urgently; Demonstrate understanding of the basic rheumatology labs as well as when (and when not) to order them
- 11:30 **New Drug Update 2023**
Wayne Weart, PharmD, BCPS, FASHP, FAPhA
Discuss the FDA Warnings and label changes that relate to medication safety and how this information should be applied in the selection and monitoring of evidence-based pharmacotherapy to achieve better patient related outcomes; Describe the current information concerning newly FDA approved medications (pharmacology, pharmacokinetics, efficacy and safety data, drug interactions, dosing, monitoring and cost) in the selection of evidence-based pharmacotherapy; Compare and contrast these selected newer agents to the existing therapies and be able to recommend an appropriate medication regimen for a specific patient.
- 12:30 **Lunch on your own**
- 1:45 **Gaining Traction: Tools to Help Families Impacted by Autism Spectrum Disorder**
Kirstin Campbell, MD, Katie Hodgson, M.Ed, MA, CCC-SLP, Melanie Wiley Gail, MD-PhD Student; & McLeod Frampton Gwynette, MD
Identify community resources at the local and state level for families impacted by autism spectrum disorder (ASD); Understand the variation in autism presentation among different age groups; Diagnose and treat co-occurring psychiatric conditions in children and adolescents with ASD; Identify non-medication therapeutic options for children and adolescents with ASD and the supporting evidence
- 3:45 **Break with exhibitors**
- 4:15 **Practical Management of Common Pediatric Allergy Conundrums**
Kelli Williams, MD, MPH
Identify infants at high risk for developing IgE mediated food allergy and know when and how to introduce key proteins early; Distinguish between Oral Allergy Syndrome and IgE mediated food allergy and know management recommendations for each; Differentiate between IgE mediated and T cell mediated drug reactions and know management recommendations for each
- 5:15 **Adjourn**



**Course Schedule Continued**

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

Saturday, December 2

- 7:30 **Registration and Breakfast**
- 7:55 **Welcome/Login Virtual Attendees**
- 8:00 **Adolescent GYN - Periods!**
Kristin Rager, MD, MPH, FAAP, FSAHM
Confidently discuss normal periods with patients and families; Identify menstrual abnormalities; Evaluate and treat abnormal menstrual cycles, to include hormonal contraception
- 9:00 **Critical Cardiac Conditions Commonly Missed in Office Practice**
Laurie Armsby, MD, FAAP
Recognize red flags within patient history and physical examination that indicate a possible critical cardiac condition; Incorporate the screening questions currently recommended by the AAP which help identify cardiac conditions associated with sudden cardiac death
- 10:00 **Break**
- 10:30 **Updates in Pediatric Obesity: New Treatment Guidelines**
Sarah Raatz, MD, MS
Incorporate recommendations on screening for obesity and obesity-related health complications in clinical practice; Adopt strategies for lifestyle modification therapy that can be incorporated into a variety of clinical settings; Identify when pediatric patients may benefit from more advanced obesity treatment options, like anti-obesity medication or bariatric surgery
- 11:30 **Kids Who Do Things That Bother People: Approaching Aggressive Behavior in Primary Care**
Elizabeth Wallis, MD, MSHP, FAAP
Develop an organized approach to the assessment of aggressive behavior in children; Better evaluate the context and circumstances around aggressive behaviors in children; Begin to counsel parents on basic de-escalation for behavioral outbursts
- 12:30 **Lunch on your Own**
- 2:00 **Optional Workshops**
- 4:15 **Adjourn**
- Please see following page for
Saturday Afternoon Workshop options!**

Sunday, December 3

- 7:30 **Registration and Breakfast**
- 7:55 **Welcome/Login Virtual Attendees**
- 8:00 **Critical Cardiac Defects that May be Missed by Pulse Oximetry Screening**
Laurie Armsby, MD, FAA
Appreciate the inability of pulse oximetry screening to identify all neonatal critical cardiac defects; Use physical examination skills to assess for the cardiac defects that may be missed by pulse oximetry screening
- 9:00 **Medications for Obesity Aren't Just for Adults**
Sarah Raatz, MD, MS
Identify when anti-obesity medications (AOMs) are indicated in pediatric patients; Identify appropriate medication options based on patient history/presentation; Anticipate challenges of AOM use in pediatric patients
- 10:00 **Eating Disorders for the Non-Adolescent Medicine Folks**
Kristin Rager, MD, MPH, FAAP, FSAHM
Identify disordered eating; Assess for medical complications; Evaluate need for higher level of care; When appropriate, manage in outpatient setting
- 11:00 **Adjourn until 2024**



Saturday Afternoon Workshops

Please select one 2-hour workshop

2-HOUR WORKSHOP: Saturday, 2:00-4:00 pm. ****In-person or Virtual Workshop****

Workshop 1: Ortho Radiology

Sara Van Nortwick, MD & Richard Jones, MD

Learning Objectives: *Case conference on hip dysplasia and fractures; Manage a case of hip dysplasia; Manage treatment of fractures*

2-HOUR WORKSHOP: Saturday, 2:00-4:00 pm. **** Not available for virtual registrations****

Workshop 2: Does This Baby Need Phototherapy? Practicing Newborn Hyperbilirubinemia Management Skills Using the New Clinical Practice Guideline Revision *

Michelle Amaya MD, MPH, Erin Balog, MD, Christine San Giovanni, MD

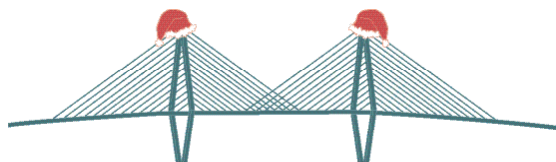
Learning Objectives: *Learners will become familiar with 2022 AAP Guidelines for management of hyperbilirubinemia in newborns \geq age 35 weeks GA, key action statements using new nomograms, flowcharts, and tables and apply their use in clinical scenarios; Learners will gain confidence and skills to analyze newborn cases using updated bilirubin nomograms, graphs, tables to determine duration of monitoring and recommended follow up; Learners will be able to identify and share strategies and tools to manage and document newborn bilirubin status.*

2-HOUR WORKSHOP: Saturday, 2:00-4:00 pm. **** Not available for virtual registrations****

Workshop 3: ED Office-Based Procedures Workshop

Ian Kane, MD & Christopher Stem, MD

Learning Objectives: *Identify challenges and solutions for managing wound closures in the office setting; Recognize common pitfalls with topical skin adhesive, suture choice, and follow-up planning; Execute successful digital block and suture technique; Apply splints for the most common nonoperative upper extremity fractures*

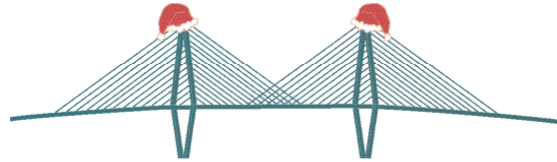




Access to Recorded Presentations

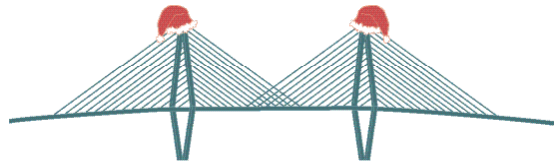
The MUSC Office of CME, with the permission of each speaker, will be recording each presentation of the conference. The videos will be posted online after the conference and be available for those who are not able to live stream the entire conference. Viewing the videos will offer the same amount of 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.



Cancellations

A refund will be made upon written request prior to **November 1, 2023**; however, \$100.00 will be retained for administrative costs. No refunds will be made after November 1, 2023. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled 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.***



Holiday Magic in Historic Charleston

Holiday Festival of Lights

November 10 - December 31, 2023
James Island County Park

The journey begins with a magical drive along 3 miles of forest paths aglow with light sculptured art. With over 600 displays located throughout the park, the Holiday Festival of Lights is a magical sight to see!

As you drive, surprises spring from behind every bend...a shrimp boat afloat on the horizon...a towering oak reaching skyward with boughs illuminated against the night sky.

Local history looms larger than life with a Charleston Row House and Old Man Winter showers oaks with his icy breath.

Travel down memory lane, where storybook sea creatures and glittering dinosaurs rise up out of the dark... and mittened children hurl electric snowballs.

You'll soon find a myriad of themes as you wind your way through the park.



Registration Fees

Register by September 30, 2023 for the Early Bird Rate!

	Early Bird (on or before 9/30)	Full Rate (on or after 10/1)
In-Person Attendance	\$500	\$550
Virtual Attendance	\$550	\$600
Access to Recorded Videos (Optional)	\$100	\$100

The fee for in-person attendance includes tuition, breaks, online syllabus and certificates of attendance. The fee for virtual attendance includes tuition, online syllabus, and certificates of attendance. **Please note: for virtual registrations, a minimum number of participants must register to be able to offer the virtual meeting. If this minimum is not met, you will be notified by November 17, 2023, and will be given the option to change to in-person registration or receive a full refund. If the virtual registration option is canceled, the video access option would also be canceled and a refund will be issued to anyone that purchased access to the videos.**

Please make your check payable to Medical University of South Carolina and mail with the registration form included in this brochure to: Heidi Callahan, MUSC Office of CME, 96 Jonathan Lucas Street HE 601, MSC 754, Charleston, SC 29425

Pre-registrations will be accepted until November 27, 2023 or until conference capacity is reached. After November 27, 2023 you must call the MUSC Office of CME at 843-876-1925 to see if space is still available.

Hotel Information

The Francis Marion Hotel
387 King Street, Charleston, SC 29403

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

Special group rates start at **\$195.00**, 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 **Tuesday, October 31, 2023** however the room block may be filled 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 meeting, or by following the online directions below.

Link for online reservations: <https://reservations.travelclick.com/76320?groupID=3513677> or us the following QR Code

Online Booking Code: FRONTIERS23

Parking: Valet parking at the hotel is available at \$34.00 plus tax, per day and can be added to your guest folio. In addition, self-parking is available at \$20.00 per day (cash). Rates are subject to change without notice.



Registration Form

26th Annual Frontiers in Pediatrics

December 1-3 2023 - Francis Marion Hotel • Historic Charleston, SC

By completing this form, you agree to the cancellation policy outlined in the brochure.

Last Name (please print clearly)

MD DO NP PA Other

First Name

(specify)

Middle Initial

Email

ID Number (last four digits of your SSN)

Phone

Address

City

State

Zip

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 grant

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 grant

What is your primary medical specialty?

Pediatrics

Family Medicine

Other _____

Please check your tuition category:

In-person Attendance

Virtual Attendance

Access to Recorded Videos (Optional)

Early Bird
(on or before 9/30)

\$500

\$550

\$100

Full Rate

(on or after 10/1)

\$550

\$600

\$100

The fee for in-person attendance includes tuition, breaks, online syllabus and certificates of attendance. The fee for virtual attendance includes tuition, online syllabus, and certificates of attendance. **Please note: for virtual registrations, a minimum number of participants must register to be able to offer the virtual meeting. If this minimum is not met, you will be notified by November 17, 2023, and will be given the option to change to in-person registration or receive a full refund. If the virtual registration option is canceled, the video access option would also be canceled and a refund will be issued to anyone that purchased access to the videos.**

Saturday Afternoon Workshops (No additional charge)

Choose (1) 2-hour workshop:

Workshop 1: 2:00 - 4:00pm

Orthopedic/Radiology Workshop (** In Person or Virtual Workshop**)

Workshop 2: 2:00 - 4:00pm

Does This Baby Need Phototherapy? Practicing Newborn Hyperbilirubinemia Management Skills Using the New Clinical Practice Guideline Revision (In Person Only)

Workshop 3: 2:00 - 4:00pm

Emergency Department Office-Based Procedures (In Person Only)

Payment must accompany registration:

Check Payable to **Medical University of South Carolina**

Master Card

Visa

AX

Discover

Cardholder's Name

Card Number

Expiration Date

CVV Code

Please use ONE of these methods to register (do not mail if previously faxed or telephoned):

• **Mail** registration form with check or credit card information to

Heidi Callahan, MUSC - Office of CME

96 Jonathan Lucas Street, HE 601, MSC 754, Charleston, SC, 29425

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

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

• **Online:** To register through the online portal, please use your camera on the QR Code