



25<sup>th</sup> Annual

# **F**rontiers in Pediatrics

December 2-4, 2022  
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)<sup>™</sup>**. 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)<sup>™</sup>**.

**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.

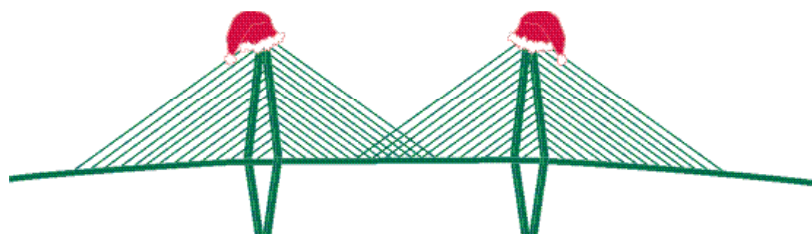
## Disclosure Statement

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

**Mike Guyton-Nunley, MD, FAAP, FACP**  
Medical Director, Prisma Health Division of Adolescent Medicine  
Clinical Assistant Professor  
USC School of Medicine  
Greenville, SC

**Eugene R. Hershorin, MD**  
Professor of Clinical Pediatrics  
Division of Neurodevelopmental Pediatrics  
Department of Pediatrics  
University of Florida School of Medicine Jacksonville, FL

**Albert Yan, MD**  
Professor of Pediatrics and Dermatology  
Children's Hospital of Philadelphia  
Perelman School of Medicine at the University of Pennsylvania  
Philadelphia, PA

## Medical University of South Carolina Faculty

**Christina Abrams, MD**  
Pediatric Sickle Cell Disease Clinical Director  
Assistant Professor of Pediatrics

**Shean Aujla, MD**  
Clinical Associate Professor of Pediatrics  
Director, Division of Pediatric Pulmonology

**Michael J. Barr, PT, DPT, MSR**  
Sports Medicine Manager  
MUSC Health Sports Medicine

**Sonal Bhatia, MBBS**  
Associate Professor of Pediatrics  
Division of Pediatric Neurology

**Alec DeCastro, MD**  
Associate Professor of Family Medicine  
Residency Program Director  
Chief of Primary Care Sports Medicine

**Vanessa Diaz, MD, MSCR**  
Professor of Family Medicine

**Rochelle Hanson, Ph.D.**  
Professor of Psychiatry and Behavioral Sciences  
National Crime Victims Research & Treatment Center

**Lindsay Hoffman, BSN, RN, CPN, CDCES**  
Inpatient Pediatric Diabetes Care Coordinator  
MUSC Children's Health

**Lanier Jackson, MD**  
Associate Professor of Pediatrics  
Division of Pediatric Cardiology

**Richard Jones, MD**  
Assistant Professor  
Departments of Radiology and Pediatrics

**Thomas Koch, MD**  
Professor of Pediatrics  
Division of Pediatric Neurology

**Kristal Matlock, MD**  
Assistant Professor of Pediatrics  
Division of Pediatric Endocrinology

**Robert Murphy, MD**  
Associate Professor of Orthopaedic Surgery

**Carla Newman, LISW**  
Therapist  
National Crime Victims Research & Treatment Center

**Harris S. Slone, MD**  
Associate Professor of Orthopaedic Surgery  
MUSC Health Sports Medicine

**Leslie Sorce, B.S.**  
Case Manager  
National Crime Victims Research & Treatment Center

**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

**Juliana Wishnia, MS, RDN, LD**  
Outpatient Pediatric Diabetes Care Coordinator  
MUSC Children's Health



## Course Schedule

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

**F**riday, December 2

- 7:15 **Registration and Breakfast**
- 7:55 **Welcome/Login Virtual Attendees**
- 8:00 **Management of Pediatric Asthma: Review of Current Guidelines**  
*Shean Auja, MD*  
Address adherence and comorbidities in your asthma practice; Make decisions on personalized management of asthmatics utilizing current GINA and NIH asthma guidelines; Create appropriate “yellow zone” asthma plan interventions to tackle exacerbations at home
- 9:00 **Advice from a Pediatric Dermatologist to the Primary Care Practitioner: Part I**  
*Albert Yan, MD*  
Review common skin infections to better recognize and treat them; Review important birthmarks to identify key clinical features and relevant systemic manifestations; Review skin findings of popular trends encouraged by social media users that have deleterious effects on preteens and teens
- 10:00 **Break**
- 10:30 **Clinical Approach to a Floppy Child**  
*Sonal Bhatia, MBBS*  
Define hypotonia and its classification; Recognize the initial presentation of hypotonia in a child; Elicit important features on clinical history and physical examination pertinent to a hypotonic child; List common causes of hypotonia in the pediatric age group with a brief overview on investigations and management with a special emphasis on Acute Flaccid Myelitis (AFM)
- 11:30 **Advice from a Pediatric Dermatologist to the Primary Care Practitioner: Part 2**  
*Albert Yan, MD*  
Review common skin infections to better recognize and treat them; Review important birthmarks to identify key clinical features and relevant systemic manifestations; Review skin findings of popular trends encouraged by social media users that have deleterious effects on preteens and teens
- 12:30 **Lunch on your own**
- 1:45 **Pediatric New Drug Update 2022**  
*C. Wayne Weart, Pharm.D.*  
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.
- 2:45 **Exercise in the COVID Era**  
*Lanier Jackson, MD*  
Describe the benefits of exercise in the pediatric population; Identify risk factors for myocarditis; Discuss the natural history of myocarditis
- 3:45 **Break**
- 4:15 **Pediatric Headaches: Assessment and Treatment Options**  
*Thomas Koch, MD*  
Comfortably assess complaints of headache, appropriately obtain necessary studies and initiate first-line treatments.
- 5:15 **Adjourn**







## Saturday Afternoon Workshops

Please select either **two, 1-hour workshops** or **one, 2-hour workshop**

**1-HOUR WORKSHOPS** - Session 1: 2:00-3:00 pm; Session 2: 3:15-4:15 pm.

**Workshop 1: Identifying Patients Experiencing Traumatic Stress in Pediatric Primary Care Settings** **\*\* Not available for virtual registrations\*\***

*Rochelle F. Hanson, Ph.D.; Carla Newman, LISW; Leslie Sorce, B.S.*

**Learning Objectives:** *Identify tools to screen for trauma-related behavioral health problems; List barriers and facilitators to support use of brief trauma screening; Discuss ways to share positive trauma screening with caregivers; Describe the benefits of integrating behavioral health services for trauma-affected youth into primary care settings*

**Workshop 2: Imaging Diagnosis of Common Pediatric Musculoskeletal Disorders** **\*\* This is the only workshop available for virtual attendees\*\***

*Richard Jones, MD*

**Learning Objectives:** *Review the characteristic appearance of multiple common pediatric musculoskeletal disorders; Discuss the role of medical imaging in their diagnosis and management*

**2-HOUR WORKSHOP: Saturday, 2:00-4:00 pm. You may not attend any other workshops.**

**\*\* Not available for virtual registrations\*\***

**Workshop 3: Pediatric Diabetes -Updates in Management and New Technologies**

*Kristal Matlock, MD, Lindsay Hoffman, BSN, RN, Juliana Wishnia, MS, RDN, LD*

**Learning Objectives:** *Accurate assessment glycemic control and the role of continuous glucose monitors; Awareness of new medications and technology for pediatric diabetes*

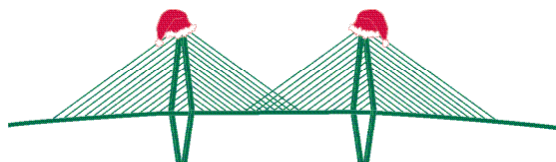
**2-HOUR WORKSHOP: Saturday, 2:00-4:00 pm. You may not attend any other workshops.**

**\*\* Not available for virtual registrations\*\***

**Workshop 4: Evaluation and Treatment of Sports Related Injuries and Ailments in Pediatric Athletes** **LIMIT 40 PEOPLE.**

*Alec DeCastro, MD, Harris S. Slone, MD; Michael J. Barr, PT, DPT, MSR*

**Learning Objectives:** *Discuss clinical assessments and management of sports related concussion; Demonstrate the use of SCAT5 and ACE concussion evaluation tools; Determine appropriate clinical evaluation for Sudden Cardiac Death in pediatric athlete; Describe mechanisms of injury and clinical presentation for common pediatric sports related injuries of the ankle, knee, and shoulder.; Demonstrate examination techniques to support the diagnosis of common pediatric sports related injuries of the ankle, knee, and shoulder; Determine what imaging studies should be ordered and when to refer to a sports med/orthopedic surgeon or to physical therapy*

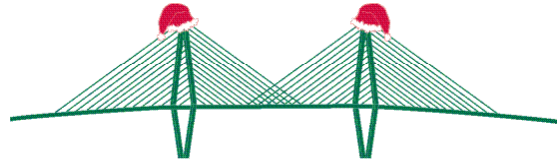




## Access to Recorded Presentations

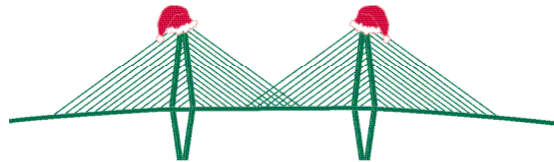
The MUSC Office of CME, with the permission of each speaker, will be recording each presentation of the conference. The videos will be posted online after the conference and be available for those who are not able to live stream the entire conference. Viewing the videos will offer the same amount of 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)*<sup>™</sup> 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 2, 2022**; however, \$100.00 will be retained for administrative costs. No refunds will be made after November 2, 2022. 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 11- December 31, 2022  
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, 2022 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, 2022, 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: Elizabeth Gossen, MUSC Office of CME, 96 Jonathan Lucas Street HE 221A, MSC 754, Charleston, SC 29425

Pre-registrations will be accepted until November 28, 2022 or until conference capacity is reached. After November 28, 2022 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 **\$185.00**, 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, November 1, 2022** 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: [reservations.travelclick.com/76320?groupID=3239396](https://reservations.travelclick.com/76320?groupID=3239396) or us the following QR Code



Online Booking Code: FRONTIERS22

**Parking:** Valet parking at the hotel is available at \$28.00 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

## 25<sup>th</sup> Annual Frontiers in Pediatrics

December 2-4 2022 - 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) First Name Middle Initial  
 MD  DO  NP  PA  Other (specify) \_\_\_\_\_

\_\_\_\_\_  
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:

	Early Bird (on or before 9/30)	Full Rate (on or after 10/1)
In-person Attendance	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
Virtual Attendance	<input type="checkbox"/> \$550	<input type="checkbox"/> \$600
Access to Recorded Videos (Optional)	<input type="checkbox"/> \$100	<input type="checkbox"/> \$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, 2022, 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) Please Choose Option 1 (two 1-hour workshops) or Option 2 (one 2-hour workshop)

- Option 1: (Select Two 1-Hour Workshops)**  
Session 1: 2:00-3:00 pm (select one)  Radiology  
 Identifying Patients Experiencing Traumatic Stress in Pediatric Primary Care Settings  
Session 2: 3:15-4:15 pm (select one)  Radiology  
 Identifying Patients Experiencing Traumatic Stress in Pediatric Primary Care Settings
- Option 2: (Select One 2-hour workshop)**  
Workshop 3: 2:00-4:00 pm  Pediatric Diabetes - Updates in Management and New Technologies  
Workshop 4: 2:00-4:00 pm (Limit 40 People)  Evaluation & Treatment of Sports Related Injuries/Ailments in Pediatric Athletes

### Payment must accompany registration:

Check Payable to **Medical University of South Carolina**  Master Card  Visa  AX  Discover

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Cardholder's Name

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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  
Elizabeth Gossen, MUSC - Office of CME  
96 Jonathan Lucas Street HE 221A, 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

