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MUSC Children's Hospital
Presents The Second Annual



Bridge to Success

Acute Pediatric Care
from the Emergency
Department to the
Intensive Care Unit

September 19-21, 2013
Charleston, South Carolina

<http://clinicaldepartments.musc.edu/pediatrics/conferences/bridgeconference>

Course Description

As new evidence evolves, the care of the acutely ill pediatric patient with a life threatening illness requires a coordinated, specialized practice that demands expertise and knowledge in treating children of all ages to ensure the best outcomes.

This conference is designed for practitioners who provide acute care for critically ill infants, children and adolescents. Most continuing education conferences focus only on pediatric care in either the emergency department or in the intensive care unit. This conference's unique approach includes joint presentations by specialists in the pediatric emergency department and the intensive care unit to emphasize the coordination and continuum of care between the two locations. While practitioners may have expertise in their own setting and discipline, the knowledge of management and outcomes for critical pediatric illnesses in other settings may be less familiar. It is important to focus on the continuum of care in the two hospital areas and provide evidence-based updates on the evaluation and management of common life threatening pediatric illnesses. Providers in emergency medicine, both pediatric and adult, pediatric critical care medicine, primary care pediatrics, family medicine, and pediatric subspecialists who wish to receive a concentrated exposure to current evidence based knowledge about care of the acutely ill pediatric patient in both the emergency department and the intensive care unit are invited to participate in this activity.

As a result of participating in this conference, participants will be better able to describe evidence-based diagnosis and management options for improved care of critically ill pediatric patients, and communicate and collaborate more effectively with the medical team to further enhance patient care.

Attendees can participate in morning lectures and panel lunches over the 2.5 day conference. Optional participation with conference faculty in afternoon simulation and ultrasound workshops also is offered.

Registration Fees

The registration fees for the Bridge to Success: Acute Care from the Pediatric Emergency Department to the Pediatric Intensive Care Unit is as follows:

	Before August 1	After August 1
Physicians in Practice	\$595.00	\$645.00
Physicians in Training, NPs, RNs, PAs	\$395.00	\$445.00

This fee includes continental breakfast, coffee breaks, lunch, electronic course syllabus, and credit card processing.

	Before August 1	After August 1
Optional Simulation Course	\$200.00	\$225.00
Optional Ultrasound Course	\$200.00	\$225.00

This fee includes breakfast/lunch, course material and transportation.

Registration Methods

Please use the following method to register:

• Online: Visit <http://clinicaldepartments.musc.edu/pediatrics/conferences/bridgeconference/paymentform.htm>

Pre-registrations will not be accepted after September 15, 2013. After September 15, you must contact the Department of Pediatrics at 843-792-0269 to see if space is still available. If space is still available you must register onsite.

Electronic Syllabus

We're going green! In our efforts to "go green", the syllabus will be provided electronically, as well as posted online the



week prior to the conference. Information will be emailed to you so that you may download a copy. A printed syllabus is available upon request at the time of your registration for an additional fee of \$35.00.

Cancellations

A refund will be made upon written request prior to August 19, 2013; however, \$75 will be retained for administrative costs. No refunds will be made after August 19, 2013. All cancellations must be received in writing. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

Credit Designation

Physicians

The Medical University of South Carolina designates this live activity for a maximum of 17.75 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Note: Credit will be awarded based on actual attendance of various sessions. The above maximum total may include the Optional Ultrasound Workshop which is certified for 3.75 AMA PRA Category 1 Credit(s)[™] and the Optional Pediatric Simulation Workshop which is certified for 2.75 AMA PRA Category 1 Credit(s)[™].

Nurses

Most states accept CME/CEUs 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 17.75 AMA PRA Category 1 Credit(s)[™].

All Participants

This program is approved for a total of 1.78 continuing education units (CEUs), the equivalent of 17.75 AMA PRA Category 1 Credit(s)[™]. All non-physician participants are eligible to receive a CEU certificate for their participation in this educational activity.

New!

Claim Your MUSC CME/CEU Credit Online

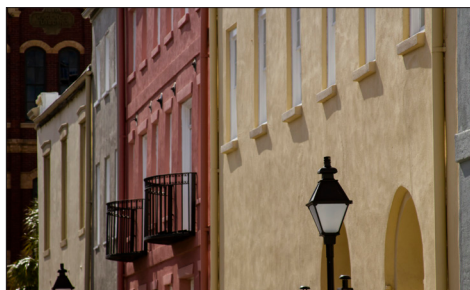
You now receive your CME and CEU credits online! After the conference, you will be emailed instructions and a link to claim your credit online and print your credit certificate. On the registration form, please provide the email address that you actively use to ensure that you receive these important emails.

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 notify the Department of Pediatrics at 843-792-0269.

Disclosure Statements

In accordance with the ACCME Essentials and Standards, anyone involved in planning or presenting at this educational activity will be required to disclose any relevant financial relationships with commercial interests in the health care industry. 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 will be required to disclose that information at the beginning of their presentation.

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.

Information

For more information, please call the Department of Pediatrics at 843-792-0269. You may also visit our website at <http://clinicaldepartments.musc.edu/pediatrics/conferences/bridgeconference>.

We're on Facebook!

Search for "MUSC department of Pediatrics" and Like our page to get updates on all of our upcoming conferences.



Historic Downtown Charleston, SC

Charleston is one of the most vibrant and historic places in the entire South. Known for its rich history, Charleston, South Carolina has been named both Top U.S. City and Top Destination in the World by Conde Nast Traveler 2013 Readers' Choice Awards. For the second consecutive year, the city also received recognition as the No. 1 tourist destination in the U.S.

Accommodations Information

A block of single and double occupancy rooms have been reserved at the Doubletree by Hilton Hotel & Suites Charleston – Historic District. To ensure a room at the established conference rate of \$209/night, please call the hotel at 843-577-2644 or toll free 1-877-408-TREE by August 19, 2013 and identify yourself as a participant in the MUSC Bridge to Success Conference. The Doubletree has extended the group rate for 2 days prior to and 2 days after the official meeting dates. Subject to changed based on availability. Reservations received after August 19, 2013 will be accommodated on a space and rate availability basis only. All reservations are subject to the hotel's 48-hour cancellation policy.

Conference Sessions will be held in the Charlestonian Ballroom:
Doubletree by Hilton Hotel & Suites Charleston – Historic District
181 Church Street
Charleston, SC 29401

Transportation

The travel time from the Charleston International Airport and downtown Charleston is approximately 45 minutes, depending on traffic.

Information on shuttle service can be found at:

<http://www.chs-airport.com/Transportation-and-Parking/Subpage-2.aspx>

Information on Rental Cars can found at:

<http://www.chs-airport.com/Transportation-and-Parking/Rental-Cars.aspx>

**** Transportation will be provided to the SIM Lab on Thursday and/or Friday.**

Conference Co-Directors

M. Olivia Titus, MD, FAAP, FACEP

Vice Chair for Pediatric
Fellowships
Associate Professor
Fellowship Director
Department of Pediatrics
Division of Pediatric Emergency
Medicine
MUSC

Sally A. Webb, MD, FAAP

Associate Professor
Division Chief
Pediatric Critical Care Medicine
Department of Pediatrics
MUSC

Guest Faculty

**Vikhyat S. Bebarta, MD, FACEP,
FACMT (Lt. Col, USAF, MC)**

Interim Director, Enroute Care
Research Center Battlefield Health
and Trauma Research Institute
US Army Institute of Surgery
Research (ISR) Chief
Medical Toxicology, Department
of Emergency Medicine, San
Antonio Military Medical Center

Elizabeth H. Mack, MD, MS, FAAP

Director of Quality, Palmetto
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Pediatric Intensive Care, PHCH
Assistant Professor of Clinical
Pediatrics, University of South
Carolina School of Medicine

Joseph L. Wright, MD, MPH

Senior Vice President, Community
Affairs and the Child Health
Advocacy Institute
Children's National Medical
Center, Washington, DC
Professor of Pediatrics (Vice
Chair), Emergency Medicine and
Health Policy
George Washington University
Schools of Medicine and Public
Health
Member, National EMS Advisory
Council (NEMSAC)

Course Faculty Presenters:

Andrew Atz, MD

Professor
Director, Pediatric Cardiac
Intensive Care
Associate Chief
Division of Cardiology
Department of Pediatrics

Melinda Biller, RN

Nurse Manager, PICU and
Intermediate Care
MUSC Children's Hospital

Keith Borg, MD, PhD, FACEP

Associate Professor
Division Chief
Division of Pediatric Emergency Medicine
Department of Pediatrics

David G. Bundy, MD, MPH, FAAP

Associate Professor
Vice Chair, Pediatric Quality and Safety
Medical Director, Children's
Hospital Quality and Safety
Division of General Pediatrics
Department of Pediatrics

Caroline Delongchamps

Staff Liaison, Children's Services
Administration
Family Advisory Council, MUSC
Children's Hospital

Joseph V. Dobson, MD, FAAP

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Department of Pediatrics
Assistant Director
MUSC Healthcare Simulation
Center

Melissa C. Evans, MD, FAAP

Assistant Professor
Medical Director, Pediatric Intensive
Care Unit
Division of Pediatric Critical Care
Medicine
Department of Pediatrics

Madeline G. Gehrig, RN

RN Educator
Pediatric Emergency Department

Geoffrey E. Hayden, MD, RDMS

Assistant Professor
Director, Emergency Ultrasound
Division of Pediatric Emergency
Medicine, Department of
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Division of Emergency Medicine,
Department of Medicine

Benjamin F. Jackson, MD, FAAP

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Division of Pediatric Emergency
Medicine
Department of Pediatrics
Chair, Pediatric Sedation
Committee

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Division of Pediatric Neurology
Department of Medicine

Kathy Lehman-Huskamp, MD, MS

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Assistant Professor
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Department of Pediatrics

Jana Upshaw, MD, FAAP

Assistant Professor
Division of Pediatric Emergency
Medicine
Department of Pediatrics

Terry L. Wilson,

Manager, Pastoral Care
Chaplain, Therapeutic &
Professional Support Services

Course Schedule

Wednesday, September 18, 2013

6:00 - 8:00PM Early Registration

Thursday, September 19, 2013

6:30 – 7:30AM Breakfast & Registration

7:30 – 7:45AM Welcome: Olivia Titus, MD and Sally Webb, MD

7:45 – 9:00AM “‘Advise Him We Don’t Have Fuel’: Learning from Avianca Flight 52”, David Bundy, MD

“How can a modern airliner run out fuel while circling a major US airport? How can a message as seemingly simple as ‘we’re running out of fuel’ fail to reach the desired recipients in the desired way? And what can we learn from this disaster that might improve the chances that our ‘emergency communications’ are sent and received effectively?”

9:00 - 9:45AM “Call Me Maybe”, David McSwain, MD

An exploration of how acute telemedicine consultation can assist in management and transfer of seriously ill and injured pediatric patients in community emergency departments.

9:45 – 10:15AM Break in Exhibit Hall

10:15 – 11:30AM “EMS for Children: Where We Are, Where We’re Going”, Joseph Wright, MD, MPH, Children’s National Medical Center, Washington, DC

2014 marks the 30th anniversary of establishment of the federal Emergency Medical Services for Children program. Throughout its infancy, childhood and adolescence, the EMS for Children program has been inextricably linked with important developments in acute care pediatrics, especially the field of pediatric emergency medicine. Now firmly ensconced in young adulthood, the growth and maturation of the EMS for Children program will be explored with an emphasis on the evidence-based and research advances currently poised to influence the care of acutely ill and injured children moving forward.

11:30AM – 12:30PM “Confessions of Two Shockaholics”, Rachel Tuuri, MD and Fred Tecklenburg, MD

This case based discussion of the septic shock care continuum will focus upon pitfalls in diagnosis and uncertainties in management. Key goals of ACCM 2007 and 2013 guidelines will be incorporated as well as new arenas for septic shock care.



12:30 – 2:00PM | PANEL LUNCH

“Please Do Everything!”: Futility, Communication & Ethics in the Acute Care Setting”, Jana Upshaw, MD, Sally Webb, MD, Terry Wilson, Chaplain

A lively panel discussion will focus on helping clinicians communicate effectively and respond to requests for life sustaining interventions for children with terminal conditions, vegetative states or impending brain death

1:00-4:00PM Optional: Case Based Simulation Session

12:30 – 4:30PM SIM CTR TRIP & BOXED LUNCH
(Travel time: 30 mins; Sim Lab: 3 hrs)

**Additional Fee Required*

1:00-5:00PM Optional: Hands-On Ultrasound Workshop

**Additional Fee Required*

2:00- 3:00PM “Different Strokes”, Scott Russell, MD and Becky Lehman, MD

A case-based discussion of different types of strokes in the pediatric population will review current literature and research to help identify the future of stroke therapy in pediatric patients.

Friday, September 20, 2013

6:30 - 7:30AM Breakfast & Registration

7:30 - 7:45AM Opening Remarks:
Olivia Titus, MD and Sally Webb, MD

7:45 - 8:30AM "Pick Your Poison",
Lt Col (Dr.) Vikhyat S. Bebarta

An adventure through emerging street drugs as well as new antidotes and new uses for current therapies that can potentially save your patients.

8:30 - 9:30AM "Every Breath You Take",
Olivia Titus, MD and Melissa Evans, MD

An evidence-based medicine review of status asthmatics: will show that even an old dog can have some new tricks!

9:30 - 10:15AM "Challenges, Controversies in Pediatric Procedural Sedation: An Update",
Benjamin Jackson, MD

Hot topics in pediatric procedural sedation will be explored, including new uses for established drugs, combination agents, pre procedural fasting/NPO status, and physiologic monitoring.

10:15 - 10:45AM Break in Exhibit Hall

10:45am - 12:00PM "Pediatric Massive Transfusion: What, Why, & How",
Elizabeth Mack, MD

This practical review of the evidence, pitfalls to avoid, and implementation strategies for massive transfusion protocols in pediatric hemorrhagic shock will help clinicians balance resuscitation needs with stewardship in blood conservation initiatives.

12:00 - 1:30PM | PANEL LUNCH
"Prying Eyes: Should Parents See All and Know All?", Sarah Sterner, MD, Madeline Gehrig, RN, Melinda Biller, RN, Caroline DeLongchamps

This group discussion about family presence during resuscitations and invasive procedures will identify barriers and brainstorm about solutions to those barriers to maximize family centered care.

1:00 - 4:00PM Optional: Case Based Simulation Session

12:30 - 4:30PM SIM CTR TRIP & BOXED LUNCH
(Travel time: 30 mins; Sim Lab: 3 hrs)

*Additional Fee Required

1:00 - 5:00PM Optional: Hands On Ultrasound Workshop

*Additional Fee Required



Saturday, September 21, 2013

7:30 - 7:45AM Opening Remarks:
Olivia Titus, MD and Sally Webb, MD

7:45 - 8:45AM "Where's My Mommy?",
Bringing Families Together in the Aftermath of a Disaster, Kathy Lehman-Huskamp, MD

Family reunification is an essential part of disaster planning however it is fraught with difficulty. The trials and tribulations of family reunification as well as resources available at hospital, regional and federal levels will be discussed.

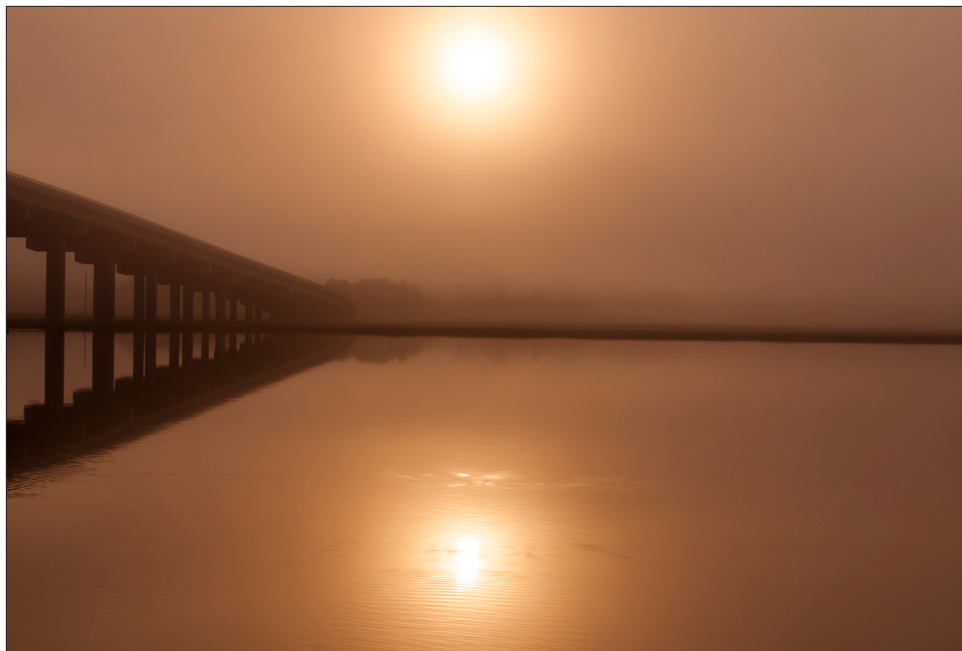
8:45- 9:45AM "Congenital Heart Disease—Known and Unknown", Andrew Atz, MD

Congenital heart disease is the most common birth defect in humans. Emergency departments will be faced with the challenges of patients with initial presentations of heart disease as well as others who have been followed chronically. It is important in both the ED and ICU setting to appreciate that congenital heart disease is never actually "cured" by surgical procedures.

9:45 - 11:00AM "PIC-L-ED: Literature between the Pediatric ICU and Emergency Department", Keith Borg, MD, PhD, and Melissa Evans, MD

A critical review of what's new in research for care of patients in the PICU and PED can help you get out of tight spots. New treatments, new drugs and the return of old favorites highlight the care of challenging patients in tough situations. Stay fresh and crisp with these highlights of recent publications and presentations to guide your practice in the care of ill and injured children.

11:00AM Adjourn



Optional Simulation Session

Back again by popular demand, our Pediatric Simulation Course uses active case-based learning modules and advanced simulation equipment to give participants hands-on team building training in resuscitation and procedural skills. Specialists in Pediatric Emergency Medicine and Pediatric Critical care will facilitate three simulation sessions including pediatric modules involving cardiac arrest, shock, and emergency transport at MUSC's world-class Simulation Center. Difficult airway stations will be offered to gain experience with bag-mask ventilation, intubation and laryngeal mask airways. This course is 3 hours in duration with added time for transportation to/from the MUSC campus.

Objectives:

As a result of participating in this SIM lab, you will be better able to:

- 1) Apply procedural skills related to advanced resuscitation of pediatric patients
- 2) Use effective team-oriented communication skills.

Time: (choose one option) Space Limited to 12 Participants

Option 1: Thursday, September 19, 2013

Depart Doubletree at 12:30 pm after the morning session
(CME credit not offered for the time missed from the panel lunch)

Option 2: Friday, September 20, 2013

Depart Doubletree at 12:30pm after the morning session
(CME credit not offered for the time missed from the panel lunch)

SIM Lab from 1:00 – 4:00pm (includes 15 min break); Return to Doubletree at 4:30pm

Faculty: Joseph Dobson, MD, Melissa Evans, MD, Fred Tecklenburg, MD, Carrie Busch, MD, Kathryn Hewett, MD, Daniel Park, MD, Amanda Price, MD and Rebecca Starr, DO

Cost

Before August 1
\$200.00

After August 1
\$225.00

Optional Ultrasound Course

Optional Ultrasound Workshop The Pediatric Emergency Ultrasound mini-course will introduce the attendee to a variety of useful and exciting applications of bedside ultrasound. The course will cover vascular access, the FAST exam, limited cardiac exam, and the musculoskeletal exam. The general goal is to scratch the surface of what is becoming a tremendously dynamic field within Pediatric Emergency Medicine. Brief didactics will be followed by extensive hands-on practice and instruction. Attendees will scan simulation vascular models as well as normal human models, with an emphasis on image acquisition and interpretation. The course will be 4 hours in duration, with a 4:1 student to instructor ratio. As a result of participating in this workshop, you should be better able to achieve the objectives stated below.

Objectives:

Vascular Access Objectives:

- 1) Use dynamic ultrasound guidance to place central and peripheral venous lines.
- 2) Evaluate the deep peripheral veins and central veins with ultrasound
- 3) Employ a checklist for performance of vascular access

FAST Objectives:

- 1) Define the FAST exam and its limitations.
- 2) Perform a FAST exam on a normal ultrasound model.
- 3) Perform a thoracic ultrasound exam to rule out pneumothorax.

Cardiac Objectives:

- 1) Identify and accurately interpret 4 views of the heart and the IVC.
- 2) Establish the following views on a normal ultrasound model: Subxiphoid, Parasternal Long Axis, Parasternal Short Axis, Apical 4-Chamber, and IVC.
- 3) Correctly identify cardiac tamponade and impaired systolic function using ultrasound.

Musculoskeletal and Soft Tissue Objectives:

- 1) Identify soft tissue, muscle, bone, tendon, and ligaments with bedside ultrasound.
- 2) Detect sonographic features of abscesses and cellulitis.
- 3) Correctly identify soft tissue foreign bodies in simulation models.

Time: (choose one option) Space Limited to 18 Participants

Option 1: Thursday, September 19, 2013

Participants remain on-site (CME credit not offered for the time missed from panel lunch)
Ultrasound Workshop from 1:00 – 5:00pm (includes 15 minute break)

Option 2: Friday, September 20, 2013

Participants remain on-site (CME credit not offered for the time missed from panel lunch)
Ultrasound Workshop from 1:00 – 5:00pm (includes 15 minute break)

Faculty: Geoffrey E. Hayden, MD, David Cook, MD, Hunter G. Louis, MD, R. Preston Wendell, MD, Nicole Malouf, MD, Brad Presley, MD

Cost

<i>Before August 1</i>	<i>After August 1</i>
\$200.00	\$225.00