SCHEDULE

7:30 - 8:00  REGISTRATION / CONTINENTAL BREAKFAST
8:00 - 8:10  WELCOME

8:10 - 8:30  MORNING SESSION

8:10-9:10  Pediatric Trauma Resuscitation  •  Todd Maxson, MD, FACS

9:15 - 9:45  BREAK AND VENDOR EXHIBITS

9:50 - 11:30  POSTER SESSION

9:50 - 9:55  Session Introduction  •  Gary Lowe, MEd, RRT-NPS, RPFT

9:55 - 10:30  ALL POSTER VIEWING

1. Michelle Jones DO: Evaluation of Work of Breathing Utilizing Non-Invasive Ventilation (NIV) and Neurologically Adjusted Ventilator Assist (NAVA) in a Neonatal Animal Model with both Healthy and Injured Lungs.

2. Ben Downs ME&I, RRT-NPS: Comparative Study on Measured Compressible Volumes for 2 Adult Ventilator Circuits


4. Greg Adams, LCSW, ACESW, FT: Compassion Fatigue Assessment of Allied Health Professionals in a Large Academic Pediatric Hospital.

5. Randy Willis MBA, RRT-NPS: Impact of Intrapulmonary Percussive Ventilation on PaCO2 and Lactate in a Surfactant Depleted Neonatal Pig Model

6. Carol Oldridge, BSN, RN, CPN: Are We There Yet? The Road to Make Zero Happen

7. Elizabeth Marrero MSN, RN: Improved Visitor Hand Hygiene Reduces Respiratory Viral Infections in a Neonatal Intensive Care Unit

8. Marlene Walden, PhD, APIN, NPP-CN, CCNS: Impact of Animal Assisted Therapy on Feasibility in Children Undergoing Acute Pediatric Inpatient Rehabilitation

9. Joshua Bryant MSN, RN: Transthoracic Cannulation of a Pediatric Patient with Refractory Septic Shock followed by Transition to Extracorporeal Carbon Dioxide Removal for Prolonged Support of ARDS

9:50 - 11:30  POSTER PRESENTATIONS:

1. Michelle Jones DO: Evaluation of Work of Breathing Utilizing Non-Invasive Ventilation (NIV) and Neurologically Adjusted Ventilator Assist (NAVA) in a Neonatal Animal Model with both Healthy and Injured Lungs.

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11:30 - 11:50  VENDOR EXHIBITS/LUNCH PICK UP

11:50 - 1:00  LUNCH TUTORIALS

1. Sherry Courtney, MD MS  •  An Introduction to NAVA

2. Robbie Pesek, MD  •  The Arkansas Asthma Pathway: A Statewide Initiative

3. Wendy Ward, PhD, ABPP  •  Interprofessional Collaborative Practice and Education: History, Evidence, and UAMS Application

1:05 - 2:25  AFTERNOON SESSION

1:05 - 2:05  Amazing Race: Participants will be divided into 10 groups. Each group will rotate through 5 different sessions. The skills sessions will utilize clinical scenarios that require teamwork to complete tasks. Collaboration is required from each group to complete the race

1:20 - 2:05  Orientation to session and skills stations: Michelle Philips, MA

2:05 - 2:25  Groups rotate through skills stations

4:10 - 4:25  Debrief/discussion: Michelle Philips, MA

4:25 - 4:30  Conference Summation

April 28th, 2017
Holiday Inn - Little Rock Airport

Jointly sponsored by Arkansas Children’s Hospital Respiratory Care Services, the UAMS College of Medicine Department of Pediatrics Pulmonary Medicine Section, and the UAMS Academic Affairs Office of Continuing Education

Office of Continuing Education;
University of Arkansas for Medical Sciences;
4301 W. Markham St., #525;
Little Rock, AR 72205-7199

REGISTRATION / CONTINENTAL BREAKFAST

WELCOME

BREAK AND VENDOR EXHIBITS

POSTER SESSION

ALL POSTER VIEWING

POSTER PRESENTATIONS

VENDOR EXHIBITS/LUNCH PICK UP

LUNCH TUTORIALS

AMAZING RACE

DEBRIEF/DISCUSSION

CONFERENCE SUMMATION

GOING GREEN!

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Going green!

Speaker handout material will be available online at

Go.UAMS.edu/Diamond

the week prior to and one month following the conference. If you desire handouts during the conference, please print copies to bring with you or bring a device to view slides directly from our website. WiFi will be available.

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ACH Respiratory Care Services presents this conference to provide continuing education in pediatric respiratory care for respiratory care practitioners, nurses, physicians and other health care providers.

**PURPOSE AND OBJECTIVES**

- Identify literature on transduction of packed red blood cells in the pediatric ICU, examples of a massive transfusion protocol in pediatrics, and adjuncts for correction of trauma induced coagulopathy.
- Define the four core competency domains of Interprofessional Collaboration across practice, research, and educational contexts and how Interprofessional Education is informing new educational practices at UAMS.
- Understand the basics of NAVA including how it differs from conventional synchronized ventilation and NIPPV, which patients are good NAVA candidates, and when to adjust the NAVA level.
- Develop key skills of effective communication, collaborative problem-solving, leadership and teamwork through the experiential learning process.
- Discuss the role of asthma networks in improving quality of care and the current state of asthma care in Arkansas.
- Examine research topics including work of breathing using NAVA technology, compression of ventilator volume in various circuits: displayed vs measured tidal volumes during nitric oxide use with Drager VN500; compassion fatigue in allied health professionals; impact on IPV on PaCO2 and lactate in a neonatal pig model; reducing error; countries.

**ACCREDITATION**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Arkansas for Medical Sciences (UAMS) Office of Continuing Education and Arkansas Children’s Hospital. The UAMS Office of Continuing Education is accredited by the ACCME to provide continuing medical education for physicians. The UAMS College of Medicine designates this live activity for a maximum of 7.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**NURSING**

Office of Continuing Education, University of Arkansas for Medical Sciences is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

**RESPIRATORY THERAPISTS**

Application has been made for 7.50 contact hours of the American Association for Respiratory Care, 9425 N. MacArthur Blvd. Suite 100, Irving TX 75063.

**lodging**

A block of rooms has been reserved for conference participants needing overnight accommodations. Sleeping rooms will be available at the conference hotel, the Holiday Inn Little Rock Airport at the government per diem rate of $89.00 per night. To make a reservation, please call the hotel at 1-888-465-4329. Use code UAM to receive the negotiated rate. Final date to guarantee reservation at the special rate is Thursday, April 27, 2017. After that date, rooms will be reserved on a space available basis.

**LUNCH TUTORIALS**

Please number your selections, indicating order of preference. As seating is limited, be sure to mark alternate choices.

**PAYMENT METHOD**

- Check enclosed - payable to: UAMS CE
- Visa
- Mastercard
- Discover
- AmEx
- Card 
  Cardholder Name ____________________________speaZip Code ____________________________
  Exp. Date ____________ CVV ____________
- Do you have special needs? If so please indicate your needs here:
  Mobility ____________ Hearing ____________ Vision ____________ Dietary ____________

Pre-registration closes April 24, 2017. After that time, you may register onsite the day of the conference for an additional $25 fee.

We are committed to making The Diamond Conference accessible to all individuals. If you need auxiliary aid(s) or service(s) as identified in the Americans with Disabilities Act, or have a dietary restriction, please describe it on the registration form. Most requests can be accommodated if notification is received by April 21, 2017.

For personal comfort, bring a light jacket or sweater as conference room temperature may vary.

**SPECIAL NEEDS**

For information about registration, contact UAMS CE Office: Call 501-661-7962 or email CPSimpkins@uams.edu

Visit our web site at Go.UAMS.edu/Diamond

ACH Respiratory Care Services: Call 501-364-5389 or e-mail WilissLM@archildrens.org

**TARGET AUDIENCE**

ACH Respiratory Care Services

**REGISTRATION**

To register online, please visit our website at Go.UAMS.edu/Diamond

To register by mail or fax, please complete and return this form via fax to (501) 661-7968 or by mail to: Office of Continuing Education, University of Arkansas for Medical Sciences 4301 West Markham St., #525, Little Rock, AR 72205

- Last Name ____________________________
- First Name ____________________________
- Credentials ____________________________
- Affiliation/Clinic/Firm ____________________________
- Address ____________________________
- City/State/Zip ____________________________
- Daytime Phone ____________________________
- E-mail ____________________________

Please check the applicable boxes:

- Respiratory Therapist
- Standard Fee $125
- Physician
- AARC Member $105
- Nurse
- ACH Employee $85
- Other
- Student $60

Please number your selections, indicating order of preference. As seating is limited, be sure to mark alternate choices.

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