



Center for Continuing Education in the Health Sciences
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Pediatric Critical Care Colloquium

May 15-17, 2010

Fairmont Pittsburgh • 510 Market Street • Pittsburgh, Pennsylvania

For more information contact:

ccehsconfmgmt201@upmc.edu

Register online at

<https://ccehs.upmc.edu/formalCourses.jsp#2397>



Pediatric Critical Care Colloquium

May 15-17, 2010

Fairmont Pittsburgh • 510 Market Street • Pittsburgh, Pennsylvania

Course Directors

Ann E. Thompson, MD • Robert S.B. Clark, MD
 Patrick Kochanek, MD • R. Scott Watson, MD

Children's Hospital of Pittsburgh of UPMC



University of Pittsburgh School of Medicine
 Center for Continuing Education in the Health Sciences
 and
 Department of Critical Care Medicine
 Division of Pediatric Critical Care Medicine
 Children's Hospital of Pittsburgh of UPMC

Abstract Submission Deadline: April 5, 2010

Overview

Pediatric Critical Care Medicine is a dynamic subspecialty with significant advances resulting in improving outcomes in nearly all areas. *The Pediatric Critical Care Colloquium 2010* will provide critical care professionals with updates related to important developments in clinical and basic science, management of sepsis, cardiopulmonary disorders, and neurologic dysfunction, and changes in the health care environment.

Attendees are invited to submit scientific abstracts related to their research for presentation and discussion in a collegial environment focused exclusively on Pediatric Critical Care. (See page 15 for Abstract Submission information).



Who Should Attend

Pediatric intensive care professionals, including intensivists, critical care fellows, PICU nurses, and acute care nurse practitioners and physicians assistants, respiratory therapists, and pharmacists.

Continuing Education Credit

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this educational activity for a maximum of **15.0 AMA PRA Category 1 Credits™**. Each physician should only claim credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded **1.50** continuing education units (CEU's) which are equal to **15.0** contact hours.

Registration for the **Communication Course** (see page 7) will be limited to preserve the faculty-to-learner ratio. Participants choosing to attend this session will be awarded an additional **4.25 AMA PRA Category 1 Credits™** for a maximum of **19.25 AMA PRA Category 1 Credits™**; please register for this under the "Events" section online during the registration process.

Special Needs



Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs **at least two weeks** in advance of the program by calling (412) 647-8232 or (412) 647-9541.

Conference Schedule ~ Saturday, May 15, 2010

- 7:00 am Registration and Continental Breakfast
- 8:00 am **Opening Remarks**
Ann E. Thompson, MD
- 8:10 am **H1N1, a CDC Perspective**
Timothy Uyeki, MD, MPH, MPP
- 9:00 am **H1N1 Impact on Pediatric Critical Care**
David Nichols, MD & Justin Lockman, MD
- 9:40 am Coffee Break & Exhibits
- 10:00 am **Sepsis: What Basic Science Tells the Clinician**
Hector Wong, MD
- 10:40 am **Plasma Exchange Saves Lives**
Trung Nguyen, MD
- 11:00 am **Sepsis Masquerading as HLH?**
Leticia Castillo, MD
Moderator: Rajesh Aneja, MD
- 11:20 am **THE GREAT DEBATE: Steroids in Sepsis**
Arno Zaritsky, MD vs. Joseph Carcillo, MD
Moderator: David Nichols, MD
- Noon Lunch & Exhibits
- 1:20 pm **What Health Care Reform Should Mean to Intensivists**
Derek Angus, MD

Saturday Schedule continued on page 4

2:00 pm - **AFTERNOON BREAKOUT SESSIONS**

3:00 pm *(Sessions run concurrently – select ONE)*

Information Technology: What Do We Need Now?		Potpourri
2:00 pm	What Do We Need for Clinical Care? Vinay Vaidya, MD	Advances in Renal Replacement Therapies in Pediatrics Timothy Bunchman, MD
2:20 pm	What Do We Need for Quality Management? Brian R. Jacobs, MD	Assessment and Modulation of Oxidative Stress in Pediatric Critical Care Hulya Bayir, MD
2:40 pm	What Do We Need for Clinical Research? Carl Weigle, MD	Mechanical Ventilation: From the Stone Age to the 21st Century Alan Fields, MD

3:00 pm Coffee Break & Exhibits

3:20 pm **CCM Research in 2010: The Times Are A'Changin'**

P. Pearl O'Rourke, MD

3:40 pm **Rapid Response Teams: What's Their Impact?**

James Tibballs, BMedSc, MBBS, MD, MEd, MBA, MHLth&MedLaw

4:00 pm **Poster Session****

6:00 pm Saturday Adjournment

***Please see page 15 for Abstract Submission information. No CME awarded for these sessions.*

Conference Schedule – Sunday, May 16, 2010

7:00 am Continental Breakfast

8:00 am **Opening Remarks**

Ann E. Thompson, MD

8:10 am **Functional Hemodynamic Monitoring**

Michael R. Pinsky, MD

9:00 am **Vascular Wetware: Signaling by Flowing RBCs During Critical Illness**

Allan Doctor, MD

9:20 am **Red Blood Cells: Who Needs Them?**

Jacques Lacroix, MD

9:40 am Coffee Break & Exhibits

10:00 am **Cerebral Resuscitation after 50 Years of CPR**

Patrick M. Kochanek, MD

10:40 am **Neuroregeneration**

Steven Kernie, MD

11:00 am **Neuromonitoring: The Future Is Closer than We Think**

Ann-Marie Guerguerian, MD

11:20 am **THE GREAT DEBATE: To Cool or Too Cool?**

Jamie Hutchinson, MD, FRCP(C), FAAP vs. Michael J. Bell, MD

Moderator: Robert S.B. Clark, MD

Noon Lunch & Exhibits

1:40 pm - **CARDIOPULMONARY AFTERNOON BREAKOUTS**

3:00 pm *(Sessions run concurrently - select up to FOUR)*

PULMONARY		CARDIO
<i>Moderator: Shekhar Venkataraman, MD</i>		<i>Moderator: Ricardo Munoz, MD</i>
1:40 pm	Surfactant Beyond the Newborn Douglas Willson, MD	Cardiac Assist Devices in Children Peter D. Wearden, MD
2:00 pm	APRV Wynne Morrison, MD	eCPR Ravi Thiagarajan, MD
2:20 pm	Ventilation in Epidemics: Two for the Price of One Bradley Fuhrman, MD	Dexmedetomidine Joseph Tobias, MD
2:40 pm	Non-Invasive Ventilation for Chronic Respiratory Failure Daniel J. Weiner, MD	Acute Management of Decompensated Heart Failure Bradley S. Marino, MD

3:00 pm Coffee Break & Exhibits

3:20 pm Abstract Oral Presentations**

4:00 pm Poster Presentations**

5:40 pm **Poster Wine & Cheese Award Reception**** (sponsored by PCCM Division)

6:30 pm Sunday Adjournment

***Please see page 15 for Abstract Submission information. No CME awarded for these sessions.*

Conference Schedule – Monday, May 17, 2010

7:00 am Continental Breakfast

8:00 am **Opening Remarks**

Ann E. Thompson, MD

8:10 am **Crisis in Haiti: Critical Needs of Children**

K.J.S. Anand, MMBS, DPhil, FAAP, FCCM, FRCPC and Douglas Willson, MD

8:40 am **Training Future Generations: Simulation as Disruptive Technology**

Peter Weinstock, MD

9:30 am **Rolling Refreshers and Dress Rehearsals:**

What Can Smart Intensivists Learn From Dummies?!

Vinay Nadkarni, MD

10:00 am Coffee Break

10:20 am **MONDAY BREAKOUT SESSIONS**

(running concurrently, please select ONE session)

(NOTE: CME credits are commensurate with the hours of participation in the each activity; if you choose the *Communications* course please remember to sign up for this **event** on the registration page)

10:20 am - **Session 1: Pursuing Perfection: Simulated ICU Crises and Life Long Learning****
12:20 pm

Join your colleagues for an interactive simulation session at the Pediatric Critical Care Colloquium. Participate in live simulation scenarios as team members or as an audience participant and join simulation experts as they explore simulation topics in pediatric critical care medicine. Topics to be covered include team dynamics, including effective communication, employing appropriate resources and personnel, and debriefing techniques for the adult learner.

***This session is **included** in the conference tuition. Those participating in this session can only receive a maximum of **15.0** AMA PRA Category 1 Credits™.*

12:20 pm **Conference Adjournment**

10:20 am **MONDAY BREAKOUT SESSIONS**

(running concurrently, please select ONE session)

10:20 am - **Session 2: Communication Course: Conducting Critical Conversation with Families*****
4:35 pm

This 6-hour course is focused on helping pediatric intensivists develop their ability to communicate with families of children with life limiting illness. Specifically, participants will learn to give bad news, negotiate goals of therapy, discuss forgoing life-sustaining treatments and negotiate conflicts over therapeutic goals. The course is designed to give faculty and fellows evidence-based mental models for holding these conversations as well as the opportunity to practice them in small groups. This will be done using short didactic talks and small group learning using three simulated families. The high faculty: learner ratio will allow for learners to practice specific skills and receive feedback and then try new skills.

10:20 am **Introduction: Small Group Learning Goals and Introduction to the Method**

11:20 am **Goals of Care**

11:50 am **Three Cases and Lunch**

3:05 pm **Bring Your Own Cases (discussion)**

4:05 pm **Taking the Skills Home**

4:35 pm **Conference Adjournment**

****This session is **not** included in the conference tuition. Participants choosing to attend this session will incur an additional **\$100.00 fee** and be awarded an additional **4.25** AMA PRA Category 1 Credits™ for a maximum of **19.25** AMA PRA Category 1 Credits™; please register for this **event** online during the registration process.*

Schedule and speakers are subject to change.

Visit the Center for Continuing Education in the Health Sciences Web Site

Our Internet address is: <http://ccehs.upmc.edu>

The UPMC Center for Continuing Education in the Health Sciences invites you to visit our web location. Receive information on CME programs; earn CME credits on the Internet, and access information about our formal courses and much more. Discover who we are and how you can contact us. Please visit our web location often to get updated information on upcoming programs.

Course Directors

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*In accordance with Accreditation Council for Continuing
Medical Education requirements on disclosure,
information about relationships of presenters with
commercial interests (if any) will be included in
materials distributed at the time of the conference.*

International Faculty

Anne-Marie Guerguerian, MD, PhD, FAAP, FRCPC

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Guest Faculty

K.J.S. Anand, MBBS, DPhil, FAAP, FCCM, FRCPC

Professor of Pediatrics, Anesthesiology and
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St. Jude Chair for Critical Care Medicine
Le Bonheur Children's Medical Center
University of Tennessee Health Science Center
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Timothy Bunchman, MD

Professor and Director of Pediatric
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Leticia Castillo, MD

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Chief and the Russell and Mary Shelden
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Pediatric Critical Care/
Pediatric Anesthesiology
Vice-Chairman of the Department
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Local Faculty**Rajesh Aneja, MD**

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Children's Hospital of Pittsburgh of UPMC

Derek Angus, MD

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Peter D. Wearden, MD

Assistant Professor of Cardiothoracic Surgery
Department of Cardiology
Children's Hospital of Pittsburgh of UPMC

Daniel J. Weiner, MD

Assistant Professor of Pediatrics
Department of Pediatrics
Division of Pediatric Pulmonology
Children's Hospital of Pittsburgh of UPMC

**All local course faculty members reside in
metropolitan Pittsburgh, Pennsylvania area and have
an appointment at the University of Pittsburgh School
of Medicine unless otherwise specified.*

Meeting Location

The conference will be held at the **Fairmont Pittsburgh Hotel** located at 510 Market Street, Pittsburgh, PA 15222.

Parking

Parking is on your own and not covered in the cost of conference tuition. The Hotel offers the following valet parking services:

- Overnight parking: \$30
- Daytime function: \$20
- Evening function: \$20
- Weekend function: \$20
- Restaurant: \$10, with validation

You can also find parking throughout downtown Pittsburgh. Please use the following link to view other parking options: <http://www.downtownpittsburgh.com/parking/all>

Lodging

A block of rooms has been reserved at the special rate of \$139 per night plus tax for a standard room; \$189 per night plus tax for a deluxe view room; and \$399 per night plus tax for a one-bedroom suite. This rate cannot be guaranteed beyond the cutoff date or beyond the block. Please call the hotel directly to make your arrangements at 1-800-441-1414. Please make sure to mention the *UPMC Pediatric Colloquium 2010* room block for the special rate. **Please make reservations by Wednesday, April 14, 2010 at 5:00 pm.** If you have trouble booking your room, please call (412) 647-8232 or (412) 647-9541.

The University of Pittsburgh, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, disability, or status as a disabled veteran or a veteran of the Vietnam era. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University's mission. This policy applies to admissions, employment, access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. For information on University equal opportunity and affirmative action programs and complaint/grievance procedures, please contact: William A. Savage, Assistant to the Chancellor and Director of Affirmative Action (and Title IX and 504 Coordinator), Office of Affirmative Action, 901 William Pitt Union, University of Pittsburgh, Pittsburgh, PA 15260, 412-648-7860.

Registration Information

Pre-register – The Early registration period will end on Wednesday, **April 14, 2010**. After **April 14, 2010**, the late registration period will begin and registrations will be accepted until Wednesday, **May 12, 2010** at the late fee. We cannot guarantee space in the program or any program inclusions for those registrations received after this date. If space is available after **May 12, 2010**, on-site registration will be required and incur an additional processing fee.

On-line Registration accepted until Wednesday, **May 12, 2010**.

Registering on-line is the quickest and easiest way to reserve your space at CCEHS conferences.

- Visit our on-line registration site at <https://ccehs.upmc.edu/formalCourses.jsp#2397>
- Click the **Registration** button and enter all of the requested information
- After registering, an electronic confirmation will be sent to the email address you provided us when you registered.

If you wish to submit an abstract, please review the *Abstract Submission* section on page 15 of this brochure.

Paper Registrations by Fax or Mail (see contact information on page 14)

If you are unable to register online please submit a request for paper form. UPMC employees whose registration fee will be remitted via journal transfer must request the paper registration form.

A confirmation letter will be faxed or mailed if registration is completed through the mail or fax by the pre-registration deadline. If you register on-line, you will receive an immediate e-mail confirmation message.

Please note: Registration is not complete until you receive the confirmation letter / email for your pre-registration. If you do not receive this letter within 5-7 days of registration, please contact us at (412) 647-8232.

You must bring this confirmation with you to the conference.

Early Registration Rates (on or prior to April 14, 2010)

Physicians:	\$395
Nurses and health care professionals:	\$250
Resident/Fellow:	\$225

Late Registration Rates (after April 14, 2010)

Physicians:	\$450
Nurses and health care professionals:	\$275
Resident/Fellow:	\$250

Sunday Night Gala and Museum Walk (\$60.00)

The evening will include heavy hors d'oeuvre, cash bar, and an open tour of the Andy Warhol Museum. Guest are welcomed to attend @ \$60 per guest. Please register you and your guest(s) under the "Events" Section during online registration.

Communication Course:

Conducting Critical Conversation with Families (\$100)

Registration for this course will be limited to preserve the faculty-to-learner ratio. Participants choosing to attend this session will be awarded an additional **4.25 AMA PRA Category 1 Credits™** for a maximum of **19.25 AMA PRA Category 1 Credits™**; please register for this under the "Events" section online during the registration process. See page 7 for course description.

Registration fee includes:

- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments and lunch
- Sunday Poster Session Wine & Cheese

Registration Cancellation

All cancellations must be in writing and sent to us via U.S. mail, e-mail or fax. Tuition for cancellations postmarked or date stamped before or on Friday, **April 30, 2010** will be completely refunded. After **April 30, 2010** a \$35 administrative fee will be assessed. No refunds will be made after Friday, **May 7, 2010**.

Conference Contact for cancellation requests or registrations by mail or fax:

Krystal Moore
UPMC CCEHS
Iroquois Building, Suite 302 • 200 Lothrop Street, Pittsburgh, PA 15213
Phone: (412) 647-8232 • Fax: (412) 647-8222

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees. However, other costs incurred by the registrant, such as airline or hotel penalties, are the responsibility of the registrant.

For additional information, contact:

Shauna Brown, Senior Conference Manager
Telephone: (412) 647-8232 or (412) 647-9541
Fax: (412) 647-8222 • E-mail: ccehsconfgmt201@upmc.edu

Abstract Submission

Please submit abstracts to Robert Clark, MD at PCCC2010@upmc.edu by **April 5, 2010**. Select abstracts will be selected and featured for oral presentations and awards, including a \$500 award for best in-training abstract. We anticipate abstracts will be published in *Pediatric Critical Care Medicine*.

Abstracts-based Awards*

- \$500 PCCM Basic Science Award
- \$500 PCCM Clinical Award
- Two \$250 PCCM Travel Awards

Sponsored by the Division of Pediatric Critical Care Medicine, Children's Hospital of Pittsburgh of UPMC

**Fellows, residents, nurses, and other healthcare professionals are eligible*

*Please read the guidelines for preparing and submitting your abstract and review the samples carefully at <http://ccehs.upmc.edu/ColloquiumAbstractGuidelines/>
Abstracts that do not adhere to the guidelines outlined below, or that are incomplete, will be rejected.*

Deadline for Submission – April 5, 2010

Format

- Use 8.5 x 11-inch paper.
- The top and bottom margins must be 2 inches and left and right margins must be 1.5 inches.
- The abstract cannot exceed one page.
- Line spacing must be single-spaced.
- The text of the abstract must appear in Times New Roman 12 point font.
- If figures or tables are included, they must be camera-ready and incorporated in the body of the abstract within one-page limit.