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

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 - 3:00 pm  
**AFTERNOON BREAKOUT SESSIONS**  
*(Sessions run concurrently – select ONE)*

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

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

**PULMONARY**

<table>
<thead>
<tr>
<th>Moderator: Shekhar Venkataraman, MD</th>
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| 1:40 pm Surfactant Beyond the Newborn  
Douglas Willson, MD |
| 2:00 pm APRV  
Wynne Morrison, MD |
| 2:20 pm Ventilation in Epidemics: Two for the Price of One  
Bradley Fuhrman, MD |
| 2:40 pm Non-Invasive Ventilation for Chronic Respiratory Failure  
Daniel J. Weiner, MD |

**CARDIO**

<table>
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<tr>
<th>Moderator: Ricardo Munoz, MD</th>
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| 1:40 pm Cardiac Assist Devices in Children  
Peter D. Wearden, MD |
| 2:00 pm eCPR  
Ravi Thiagarajan, MD |
| 2:20 pm Dexmedetomidine  
Joseph Tobias, MD |
| 2:40 pm 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**

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Sunday Schedule continued on page 6
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, FRCPCH 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**
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

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***
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

Robert S.B. Clark, MD
Associate Professor
Department of Critical Care Medicine
Chief, Division of Pediatric Critical Care Medicine
Children’s Hospital of Pittsburgh of UPMC

Patrick M. Kochanek, MD
Professor
Critical Care Medicine, Pediatrics and Anesthesiology
Director, Safar Center for Resuscitation Research
University of Pittsburgh School of Medicine

Ann E. Thompson, MD
Professor and Vice Chair for Faculty Development
Department of Critical Care Medicine
Division of Pediatric Critical Care Medicine
Children’s Hospital of Pittsburgh of UPMC

R. Scott Watson, MD
Assistant Professor
Department of Critical Care Medicine
Division of Pediatric Critical Care Medicine
Children’s Hospital of Pittsburgh of UPMC

International Faculty

Anne-Marie Guerguerian, MD, PhD, FAAP, FRCP
Assistant Professor
Departments of Critical Care and Pediatrics
University of Toronto
Director Acute Care Research Unit, Department of Critical Care
Scientist in Neuroscience and Mental Health Research Program
The Hospital for Sick Children, Toronto, Canada

Jamie Hutchison, MD, FRCP(C), FAAP
Associate Professor
Departments of Critical Care and Pediatrics
University of Toronto
Director Acute Care Research Unit, Department of Critical Care
Scientist in Neurosciences and Mental Health Research Program
The Hospital for Sick Children, Toronto, Canada

Jacques Lacroix, MD
Pediatric Critical Care Physician
CHU Sainte-Justine
Professor, Department of Pediatrics
University of Montreal
Montreal, Canada

James Tibballs, BMedSc, MBBS, MD, MEd, MBA, MHlth&MedLaw
Associate Professor of Pediatrics
Royal Children’s Hospital
University of Melbourne
Melbourne, Australia

K.J.S. Anand, MBBS, DPhil, FAAP, FCCM, FRCPCH
Professor of Pediatrics, Anesthesiology and Neurobiology
St. Jude Chair for Critical Care Medicine
Le Bonheur Children’s Medical Center
University of Tennessee Health Science Center
Memphis, Tennessee

Timothy Bunchman, MD
Professor and Director of Pediatric Nephrology, Dialysis and Transplantation
Helen DeVos Children’s Hospital
Grand Rapids, Michigan

Leticia Castillo, MD
Thomas Fariss Marsh, Jr. Professor, Department of Pediatrics
The University of Texas Southwestern Medical School
Chief, Pediatric Critical Care, Children’s Medical Center of Dallas
Dallas, Texas

Allan Doctor, MD
Associate Professor of Pediatrics and Biochemistry & Molecular Biophysics
Washington University School of Medicine
Chief, Pediatric Critical Care
St. Louis Children’s Hospital
St. Louis, Missouri

Alan I. Fields, MD
Professor
Division of Anesthesiology and Critical Care
The University of Texas M.D. Anderson Cancer Center
Houston, Texas

Bradley Fuhrman, MD
Professor, Department of Pediatrics
Chief, Pediatric Critical Care Medicine
State University of New York
Buffalo, New York

Brian R. Jacobs, MD
Professor of Pediatrics
George Washington University
Vice President and Chief Medical Information Officer
Attending, Division of Critical Care Medicine
Children’s National Medical Center
Washington, District of Columbia

Steven G. Kernie, MD
Associate Professor
Department of Pediatrics
The University of Texas Southwestern Medical School
Children’s Medical Center of Dallas
Dallas, Texas

Justin L. Lockman, MD
Clinical Fellow
Pediatric Anesthesia, Pediatric Critical Care Medicine
Johns Hopkins University School of Medicine
Baltimore, Maryland

Bradley S. Marino, MD
Associate Professor of Pediatrics
University of Cincinnati College of Medicine
Director, Heart Institute Research Core
Staff Cardiac Intensivist, Cardiac Intensive Care Unit
Cincinnati Children’s Hospital Medical Center
Cincinnati, Ohio

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.
*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

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**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: ccehsconfmgmt201@upmc.edu

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**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/](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.