AAP Section on Critical Care
Scientific Abstract & Educational Program Schedule

October 16-17, 2011 (Sunday-Monday)
AAP National Conference & Exhibition
Boston, MA

SUNDAY, OCTOBER 16, 2011
8:00 AM – 6:00 PM (H2020)
RENAISSANCE WATERFRONT HOTEL
ATLANTIC BALLROOM I

Section on Critical Care Scientific Abstract, Educational Program & Reception
The morning session will include presentations of scientific research during a ½ day session to include abstracts, posters, and audience discussions led by moderators. Participants will have the opportunity to hear oral presentations, view research poster presentations, and ask questions about current scientific and clinical research in pediatric critical care. The afternoon session will examine the advances in technologies available for patients in the PICU and update participants on these technologies including use of ECMO and ventricular assist devices, uses of renal replacement therapies in a variety of clinical situations, and limitations of bedside ultrasound technologies in the PICU. The session will conclude with a one-hour reception for Section members. This will include presentation of awards and a chance to meet faculty and network with colleagues.

SOCC Scientific Abstract Presentation Session
8:00 AM – 12:00 PM

8:00 – 8:15 am Introduction
John P. Straumanis, MD, FAAP

8:15 – 9:30 am ORAL ABSTRACT SESSION I
Moderators: John Straumanis, MD, FAAP/Don Vernon, MD, FAAP

1. 8:15 am #12989 Hitesh Sandhu
   Detection of TNF á and IL6 in Exhaled Breath Condensate of Rats with Pneumonia due to Staphylococcus Enterotoxin B

2. 8:30 am #14460 Michael Frogel
   Pediatric Disaster Coalition; Successful On-Site Assistance to Hospitals in Creating Pediatric Critical Care Surge Plans

3. 8:45 am #14768 Jennifer Yu
   Cost and Safety of Pediatric Intensive Care Physician-Placed Broviac Catheters
4. 9:00 am  #15179 Rita Burke  
A Mixed-Methods Approach to Understanding Parent-Provider Decision-Making in the Pediatric Critical Care Environment

5. 9:15 am  #14756 Maria Davalos  
Hyponatremia during Arginine Vasopressin Therapy in Children following Cardiac Surgery

9:30 – 10:30 am  POSTER WALK ROUNDS AND BREAK  
Moderators: Vicki Montgomery, MD, FAAP/Richard Mink, MD, MACM, FAAP  
Posters should be set up between 8:00-9:00 AM and removed by 6:00 PM.

- #13339 David Smith  
  Central Venous-to-Arterial Carbon Dioxide Difference Correlates with Cardiac Index in Children

- #13659 Patricia Lincoln  
  Instituting a Multidisciplinary Review Process for Pediatric Patients Supported on Continuous Renal Replacement Therapy

- #14070 Rani Ganesan  
  Development of Structured Rounding Checklist in the Pediatric Intensive Care Unit

- #14152 Francisco Recalde  
  Serum D-Dimer Level Predicts Absence of Significant Brain Injury after Trauma in Children

- #14232 Kate Dorney  
  Electrical Cardiometry can Detect Changes in Stroke Index in Asthma during Hospitalization

- #14285 Kathleen Wallace  
  Helium Oxygen Driven Nippy and MV is a Safe and Effective Therapy in Children with Respiratory Failure

- #14340 Courtney Rowan  
  Treatment of the Multivisceral and Intestinal Transplant Patient in the Pediatric Intensive Care Unit

- #14575 Edward Conway Jr  
  Citywide Disaster Planning Utilizing a Car Bomb Scenario in a Busy Urban Area

- #14645 Kenneth Strzelecki  
  Thiamine Deficiency in Children with Type I Diabetes with Diabetic Ketoacidosis

10:30 – 12:00 pm  ORAL ABSTRACT SESSION II  
Moderators: Alice Ackerman, MD, MBA, FAAP/W. Bradley Pass, MD, MMM, FAAP

6. 10:30 am  #13236 James Laham  
  Extubations in the PICU - A Pilot Study

7. 10:45 am  #14664 Sandeep Tripathi  
  Is it Possible to Identify Patients who will Fail Extubation? Results from a Prospective Observational Study
8. 11:00 am  #14697 Stephen Keller
Effects of Rapid Response Systems on Pediatric Cardiopulmonary Arrests
Outside Intensive Care Units: A Multi-Institutional Study

9. 11:15 am  #14718 Christopher Mastropietro
Variable Response to Arginine Vasopressin in Children with Hemodynamic
Instability and Clinically Apparent Vasodilation after Cardiac Surgery

10. 11:30 am  #13925 Christopher Mastropietro
Copeptin as a Surrogate Maker of Plasma Arginine Vasopressin Concentration
in Children after Cardiopulmonary Bypass

11:45 am – 1:00 pm  Lunch Break

SOCC Educational Session & Presentation of Distinguished Career Award
1:00 PM – 5:00 PM
Technologic Advances in Pediatric Critical Care: The Toys of the PICU

1:00 – 1:10 pm  Introduction
John P. Straumanis, MD, FAAP

1:10 – 2:00 pm  Ultrasound Use in Pediatric Critical Care
William T. Tsai, MD

2:00 – 2:50 pm  Renal Replacement Therapies
Timothy E. Bunchman, MD

2:50 – 3:10 pm  Break

3:10 – 4:00 pm  ECMO and VAD
Francis Fynn-Thompson, MD

4:00 – 4:30 pm  Panel Discussion

Presentation of Distinguished Career Award

4:30 – 5:00 pm  SOCC Distinguished Career Award
Recipient: Timothy S. Yeh, MD, FAAP
Presented by: M. Michele Moss, MD, FAAP

SOCC Reception (Section Members Only)
Renaissance Waterfront Hotel – Spectacle Room
5:00 PM – 6:00 PM
Reception, Abstract Awards, and Section Business Meeting
Section on Critical Care Educational Program Continued
Children in the community have a much higher acuity of illness. Early recognition and treatment of conditions such as mental status changes, seizures, meningitis, new onset diabetes, shock, stridor, respiratory distress and congenital heart disease can make a significant impact on outcomes. This 3 hour session is targeted to section members, but is also appropriate for the non-intensivist. Interactive case presentation of scenarios to highlight different types of critical illness and how to diagnose and treat them will be presented and will include discussion of neurological and altered mental status changes, cardio-respiratory cases, and a potpourri of other topics.

SOCC Educational Session
8:30 AM – 11:30 AM

Critical Care Dilemmas: Things They Didn’t Teach You in Fellowship

8:30 – 8:45 am  Introduction
John P. Straumanis, MD, FAAP

8:45 – 9:40 am  Neurological Cases
Edward E. Conway, Jr, MD, MS, FAAP

9:40 – 10:35 am  Cardio-Pulmonary Cases
James D. Fortenberry, MD, FAAP

10:35 – 11:30 am  Miscellaneous Cases
Thomas M. Kayrouz, MD

Note: Search for other educational sessions by topic at www.AAPexperieNCE.org/planner.

Updated 9.6.11