Welcome!

Welcome to the 2013 annual fall meeting of the Society of Pediatric Anesthesia. My Co-Chair, Jim Fehr, and I would like to invite you to join us in lovely San Francisco for this educational event. This meeting’s theme is neonatology and will be explored thorough the PBLD’s and three of the four sessions. The faculty, representing institutions from across North America, were selected because they bring unique expertise to this area of pediatric anesthesia.

The day will open up with PBLDs that highlight the neonatal theme. The first session of the day reviews important elements related to the clinical care of the neonate. We are honored to have Dr. Donna Ferriero start this session. She is an internationally recognized pediatric neurologist, the Chair of Pediatrics at UCSF and one of the premier authorities on neonatal neurologic injuries. The second session will focus on the perioperative communication and relationship between the pediatric anesthesiologist and the neonatal intensive care unit. The panelists will discuss the perioperative patient safety issues related to these relationships and potential solutions to enhance them. The third session is a simulation-based session with audience participation and clinical scenarios emphasizing dilemmas in the care of the neonate. The fourth and final session is timely in light of the legalization of medical marijuana in several states including California. This pro-con debate should be both informative and entertaining.

I would like to thank the faculty for their hard work in putting together their sessions. I would especially like to thank the individuals that worked by my side to make this meeting happen. This includes my meeting co-chair Jim Fehr, Shobha Malviya, and Kim Battle.

Please join us for this wonderful meeting. I look forward to seeing you in California!

Franklyn Cladis MD FAAP
SPA 27th Annual Meeting
Program Chair

Education Mission Statement

The Annual Meeting will focus on topics of interest to those who provide anesthesia, sedation, pain management, and critical care services to infants and children. The overall goals for attendees of the program are to reinforce and enhance their existing fund of knowledge and to introduce them to new and state-of-the-art techniques and information that affect their practice and improve the perioperative/critical care of pediatric patients.

Target Audience

This program is intended for anesthesiologists and other practitioners who care for children in their practice of anesthesia and/or critical care. It is also intended for clinical and basic science researchers whose areas of investigation relate to pediatric anesthesia.

Accreditation & Designation

The Society for Pediatric Anesthesia is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Society for Pediatric Anesthesia designates this Live activity for a maximum of 7 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Americans With Disabilities Act (ADA)

The Society for Pediatric Anesthesia has fully complied with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact SPA at (804) 282-9780 by September 15, 2013 in order to receive service.

Registration Deadline

Responses to previous SPA Annual Meeting programs have been very positive. We recommend that you confirm your registration as early as possible. The deadline for Early Registration is September 20, 2013.

Housing

Housing reservations can be made through the American Society of Anesthesiologists (ASA) website when the site opens in the spring. Visit www.asahq.org/Annual-Meeting.aspx for more information.

CONVENIENT ONLINE REGISTRATION

For SPA’s 27th Annual Meeting will open soon!

Visit www.pedsanesthesia.org to register for the meeting. Printable registration forms will also be available. Registration rates will increase after September 13, 2013.

Hotel reservations must be made through the ASA Housing Bureau. There will be a hotel reservations link at www.pedsanesthesia.org as soon as it is made available.
6:00 am - 5:00 pm  Registration  
6:30 - 7:30 am  PBLDs with Breakfast  
6:30 - 7:30 am  Continental Breakfast with Exhibitors  
7:45 - 8:00 am  Introduction and Welcome
Nancy L. Glass, MD, MBA, FAAP; Franklyn P. Cladis, MD, FAAP

**Session I: Clinical Care of the Neonate**
*Moderator: Peter Davis MD, FAAP*

8:00 - 8:30 am  Newborn Brain Injury: Imaging, therapies and the future.  
*Hannah Glass, MD*  

8:30 - 9:00 am  Perioperative Care of HFO & ECMO in the NICU  
*Stephen A. Stayer, MD, FAAP*  

9:00 - 9:30 am  Outcomes of the Extremely Premature Neonate  
*Andrew T. Costarino, Jr., MD*  

9:30 - 10:00 am  Care of the Formerly Premature Pediatric Patient  
*Claire M. Brett, MD, FAAP*  

10:00 - 10:30 am  Discussion  

10:30 - 11:00 am  Break with the Exhibitors

**Session II: Perioperative Communication with the NICU**
*Moderator: James J. Fehr, MD*

11:00 - 11:25 am  Perioperative Communication and the NICU - An Overview  
*Shilpa Verma, MD*  

11:25 - 11:50 am  One Center’s Journey - Anesthesiology Perspective  
*John J. McCloskey, MD*  

11:50 am - 12:10 pm  One Center’s Journey - Neonatology Perspective  
*Natalie E. Rintoul, MD*  

12:10 - 12:30 pm  Discussion  

12:30 - 1:30 pm  Lunch with Exhibitors

**Session III: Neonatal Cases and Audience Response**

1:30 - 3:00 pm  Neonatal Case Simulation Videos - Expert Panel and Audience Response  
*Calvin Kuan, MD; Christine Mai, MD; Sharon L. Redd, MD; Teresa A. Valois Gomez, MD*

1:30 - 3:00 pm  Break with Exhibitors

**Session IV: Medical Marijuana Use for Pediatric Pain**
*Moderator: Constance Monitto, MD*

3:45 - 4:45 pm  Medical Marijuana for Pediatric Pain: PRO-CON Debate  
*PRO - Stephen C. Brown, MD; Jeffrey L. Galinkin, MD, FAAP*  

3:45 - 4:45 pm  Medical Marijuana for Pediatric Pain: PRO-CON Debate  
*CON - John J. McCloskey, MD; Claire Kaura MD*

4:45 - 5:00 pm  Discussion  

5:00 - 7:00 pm  Reception

**Problem Based Learning Discussions (PBLDs)**

1. Less is more; how to deal with a decompensating neonate with a DNR order in place in the operating room. – Vidya T. Raman MD; Joseph D. Tobias MD
2. To Trach or Not to Trach, That Is The Question! – Haleh Saadat MD, FAAP; Carolyn Al-Haddadin, MD
4. A critically ill neonate with Vein of Galen malformation requiring embolization  
   - Importance of communication and multidisciplinary approach – Anita Akbar Ali MD; M. Saif Siddiqui MD
5. Anesthetic management: The neonate with an Expanding Mediastinal Mass – Miles H. Dinner MD; Jacques H. Scharoun MD
6. Hemodynamic and Ventilatory Concerns in a Neonate with Tetralogy of Fallot (TOF) Presenting for Omphalocele Repair– T. Anthony Anderson PhD, MD; Charles J. Coté MD, FAAP
7. Management of a Neonate with Tracheo-esophageal Fistula, Esophageal Atesia and Altered Pulmonary Blood Flow – Nina A. Guzzetta MD; Elizabeth C. Wilson MD
8. Severe Hypoxemia after PDA Ligation– Becky Wong MD; Calvin Kuan MD
9. Emergent exploratory laparotomy in a neonate with pulmonary agenesis and tracheal stenosis: is there a role for epidural analgesia? – J. Stephen Perhac MD; Adrian T. Rosenberg MB, ChB, FFA(SA)
10. 4-Day-Old Newborn with CDH and Neonatal Abstinence Syndrome – Or; How many opioid receptors does a baby have? – Deepa Kattail MD; Sabine Kost-Byerly MD, FAAP
11. Postoperative hypoxemia in the neonate with stridor – a rare cardiac anomaly – Rajvinder S. Dharntra MD, FRCA; Claire Kaura MD
12. Is it MH? Recalcitrant Hyperthermia in a 2 month old infant after separation from Cardiopulmonary Bypass – Michael J. Mulick DO; Douglas R. Thompson MD
13. Postoperative Encephalopathy in a Newborn: More than Neuroapoptosis? – Jurgen C. de Graaff MD, PhD; Ton Schouten MD
14. Non-cardiac surgery in neonate with PDA stent – Barbara A. Castro MD; Danielle A. Joseph MD
15. Management of a Neonate with Unsuspected Difficult Intubation after Cesarean Delivery due to a Congenital Laryngeal Web – Brandon A. Roberts MD; Katherine G. Kech MD
16. The Newborn with Obstructed Pulmonary Veins is Coming to the Cath Lab Now! – Michelle L. Schlunt MD; Charles Lee MD
17. Remote ECMO Thoracotomy: Repair of Congenital Diaphragmatic Hernia in a patient on ECMO, performed at the NICU bedside – Justin L. Lockman MD; Todd J. Kilbaugh MD
18. I survived necrotizing enterocolitis, now what? A premature infant for ostomy closure with anemia and plan for epidural – Olga Pawelek MD; Maria Matuszcak MD
19. Double the Trouble, Double the Fun: Airway Management in Conjoined twins with Mandubular Hypoplasia and Cardiac Disease – Charles D. Nargozian MD; James A. DiNardo MD
20. Thoracic Surgery for a 2-day old neonate with a prenatally diagnosed lung mass – Olutoyin Olutoye MD, FAAP; Ann Hau MD
Anita Akbar Ali, MD
University of Arkansas for Medical Sciences and Arkansas Children’s Hospital
Little Rock, AR

Carolyn Al-Haddadin, MD
Yale University, School of Medicine
New Haven, CT

T. Anthony Anderson, PhD MD
Massachusetts General Hospital
Boston, MA

Adrian T. Bosenberg, MB, ChB, FFA(SA)
Seattle Children’s Hospital
Seattle, WA

Claire M. Brett, MD, FAAP
University of California – San Francisco
San Francisco, CA

Stephen C. Brown, MD
Hospital for Sick Children
Toronto, Ontario, Canada

Barbara A. Castro, MD
University of Virginia Medical School
Charlottesville, VA

Franklyn P. Cladis, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA

Peter J. Davis, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA

Charles J. Coté MD, FAAP
Massachusetts General Hospital
Boston, MA

Jurgen C. de Graaff, MD, PhD
Wilhelmina Children's Hospital
Utrecht, The Netherlands

Nina Deutsch, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA

J. Stephen Perhac, MD
Seattle Children’s Hospital
Seattle, WA

Nancy L. Glass, MD, MBA, FAAP
Texas Children’s Hospital
Houston, TX

Vidya T. Raman, MD
Nationwide Children’s Hospital
Columbus, OH

Ann Hau, MD
Texas Children’s Hospital
Houston, TX

Sharon L. Redd, MD
Boston Children’s Hospital
Boston, MA

Deepta Kattail, MD
Johns Hopkins University
Baltimore, MD

Srijaya K. Reddy, MD
Children’s National Medical Center
Washington, DC

Claire Kaura, MD
University of California, Davis
Sacramento, CA

Natalie E. Rintoul, MD
Children’s Hospital of Philadelphia
Philadelphia, PA

Katherine G. Keech, MD
St. Louis Children’s Hospital/Washington University
School of Medicine
St. Louis, MO

Todd J. Kilbaugh, MD
The Children’s Hospital of Philadelphia
Philadelphia, PA

Brandon A. Roberts, MD
St. Louis Children’s Hospital/Washington University
School of Medicine
St. Louis, MO

Sabine Kost-Byerly, MD, FAAP
Johns Hopkins University
Baltimore, MD

Haleh Saadat, MD, FAAP
Yale University, School of Medicine
New Haven, CT

Calvin Kuan, MD
Stanford University
Stanford, CA

Michelle L. Schlunt, MD
Weill-Cornell Medical College
New York, NY

Charles Lee, MD
Sunset Kaiser Permanente
Los Angeles, CA

Ton Schouten, MD
Wilhelmina Children’s Hospital
Utrecht, The Netherlands

Justin L. Lockman, MD
The Children’s Hospital of Philadelphia
Philadelphia, PA

M. Saif Siddiqui, MD
University of Arkansas for Medical Sciences and Arkansas Children’s Hospital
Little Rock, AR

Christine Mai, MD
Massachusetts General Hospital
Boston, MA

Stephen A. Stayer, MD, FAAP
Texas Children’s Hospital
Houston, TX

Maria Matuszczak, MD
UT Houston Medical School
Houston, TX

Douglas R. Thompson, MD
Seattle Children’s Hospital
Seattle, WA

John J. McCloskey, MD
Children’s Hospital of Philadelphia
Philadelphia, PA

Joseph D. Tobias, MD
Nationwide Children’s Hospital
Columbus, OH

Constance Monitto, MD
Johns Hopkins University
Baltimore, MD

Teresa Arsenia Valois Gomez, MD
McGill University Health Centre
Montreal, Quebec CANADA

Michael J. Mulick, DO
Children’s Hospital Los Angeles
Los Angeles, CA

Shilpa Verma, MD
Seattle Children’s Hospital
Seattle, WA

Charles D. Nargozian, MD
Boston Children’s Hospital
Boston, MA

Elizabeth C. Wilson, MD
Emory University School of Medicine
Atlanta, GA

Olutoyin Olutoye, MD, FAAP
Texas Children’s Hospital
Houston, TX

Becky Wong, MD
Stanford University
Stanford, CA

Olga Pawelek, MD
UT Houston Medical School
Houston, TX

Terrance A. Yemen, MD
University of Virginia Medical School
Charlottesville, VA
Session I: Clinical Care of the Neonate

Newborn Brain Injury: Imaging, therapies and the future
Donna M. Ferriero, MD

Upon completion of this session, the participant will be able to:
1. Identify neurologic injuries that occur during the neonatal period
2. Understand the clinical consequences of neonatal neurologic injuries
3. Describe therapies for neonatal neurologic injuries

Perioperative Care of HFO & ECMO in the NICU
Stephen A. Stayer, MD, FAAP

Upon completion of this session, the participant will be able to:
1. Describe the perioperative care of the neonate receiving High Frequency Oscillation Ventilation (HFOV)
2. Describe the perioperative care of the neonate on extracorporeal membrane oxygenation (ECMO)
3. Identify the perioperative issues related to off-site anesthesia in the neonatal intensive care unit (NICU)

Outcomes of the Extremely Premature Neonate
Andrew T. Costarino, Jr., MD

Upon completion of this session, the participant will be able to:
1. Discuss the classification of prematurity
2. Describe the survival and limits of viability of the premature neonate
3. Identify the outcomes of surviving premature neonates

Care of the Formerly Premature Pediatric Patient
Claire M. Brett, MD, FAAP

Upon completion of this session, the participant will be able to:
1. Discuss the perioperative concerns related to the formerly premature patient
2. Describe the anesthetic management of the formerly premature patient

Session II: Perioperative Communication with the NICU

Perioperative Communication and the NICU - An Overview
Shilpa Verma, MD

Upon completion of this session, the participant will be able to:
1. Identify perioperative communication failures in the care of the neonate
2. Discuss the patient safety concerns related to perioperative communication failures
3. Describe strategies to improve perioperative communication with the neonatal intensive care unit (NICU)

One Center's Journey - Anesthesiology Perspective
John J. McCloskey, MD

Upon completion of this session, the participant will be able to:
1. Identify perioperative communication concerns in the care of the neonate
2. Describe one center's anesthesiology team strategies to improve perioperative communication with the neonatal intensive care unit (NICU)

One Center's Journey - Neonatology Perspective
Natalie E. Rintoul, MD

Upon completion of this session, the participant will be able to:
1. Identify perioperative communication failures in the perioperative care of the neonate
2. Describe one center's neonatal intensive care unit (NICU) strategies to improve perioperative communication with the anesthesiology team

Session III: Neonatal Cases and Audience Response

Neonatal Case Simulation Videos - Expert Panel and Audience Response
Calvin Kuan, MD; Christine Mai, MD; Sharon L. Redd, MD; Teresa A. Valois Gomez, MD

Upon completion of this session, the participant will be able to:
1. Describe the barriers of effective crisis management of the neonate in the operating room and the NICU
2. Discuss strategies to enhance crisis management of the neonate in both the operating room and the NICU
3. Discuss the role of trigger videos as an educational tool for simulation and pediatric anesthesia

Session IV: Medical Marijuana Use for Pediatric Pain

Medical Marijuana for Pediatric Pain: PRO-CON Debate
PRO – Stephen C. Brown, MD; CON – Jeffrey L. Galinkin, MD, FAAP

Upon completion of this session, the participant will be able to:
1. Discuss the role of medical marijuana for chronic pain
2. Describe potential benefits of medical marijuana for pediatric pain management
3. Describe potential concerns of medical marijuana for pediatric pain management
**Scientific Program Registration Form**

If paying by check, please make checks payable to **SPA** and mail to:
2209 Dickens Road, Richmond, VA 23230-2005; Phone: (804) 282-9780; Fax: (804) 282-0090; e-mail: spa@societyhq.com

**PLEASE PRINT OR TYPE**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>First Name for Badge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last</td>
<td>First</td>
<td>MI</td>
</tr>
</tbody>
</table>

Preferred Mailing Address__________________________________________________________________________________________________________

City / State / Zip __________________________________________________________________________ Email Address* ___________________________

Office Phone __________________________ Home Phone __________________________ Fax # ___________

*E-mail required for registration confirmation.

<table>
<thead>
<tr>
<th>Through 9/20/13</th>
<th>After 9/20/13</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>$275</td>
<td>$325</td>
<td></td>
</tr>
<tr>
<td>$400</td>
<td>$450</td>
<td></td>
</tr>
<tr>
<td>$300</td>
<td>$350</td>
<td></td>
</tr>
<tr>
<td>$175</td>
<td>$200</td>
<td></td>
</tr>
<tr>
<td>$200</td>
<td>$250</td>
<td></td>
</tr>
<tr>
<td>$35</td>
<td>$50</td>
<td></td>
</tr>
</tbody>
</table>

Enter your choice of PBLD Table # from Page 3: First Choice:__________  second Choice:__________  third Choice:__________

Accompanying Person(s) Name(s);______________________________________________________________________________________________

Accompanying Person Fee includes: Entrance to Exhibit Hall, Reception, and Continental Breakfast.

The SPA is a 501(c) 3 organization and your donations are tax deductible as allowed by law. All voluntary contributions will be acknowledged.

*When accompanied by a letter from Department Chairperson, verifying Resident/Fellow status.

I wish to receive membership information for:  

- [ ] **SPA**  
- [ ] **CCAS**  
- [ ] **AAP**

How did you hear about the meeting?

- [ ] Website
- [ ] Printed Program
- [ ] Word of mouth
- [ ] ASA Calendar of Meetings
- [ ] Other ________________________

<table>
<thead>
<tr>
<th>Card No</th>
<th>CVV Code</th>
<th>Exp. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Credit Card Billing Address: __________________________________________________________ Credit Card Zip Code: _________________________

Refund Policy: Full refund less $50 administrative fee through September 6, 2013; 50% refund September 6 - September 20, 2013; No refunds after September 20, 2013. Refunds determined by date written cancellation is received.

Hotel/Lodging Information: The 2013 Annual Meeting will be held Hilton San Francisco Union Square in San Francisco. Hotel reservations must be made through the ASA Housing Bureau. To make hotel reservations online, please visit www.pedsanesthesia.org for a link to the ASA Housing Site.

IF YOU DO NOT RECEIVE A CONFIRMATION E-MAIL FROM THE SPA WITHIN 30 DAYS OF SUBMITTING YOUR REGISTRATION, PLEASE CALL/E-MAIL THE OFFICE TO CONFIRM THAT YOUR REGISTRATION MATERIAL HAS BEEN RECEIVED.
A meeting co-sponsored by the Society for Pediatric Anesthesia and the American Academy of Pediatrics Section on Anesthesiology and Pain Medicine

March 6-9, 2014
Marriott Harbor Beach • Ft. Lauderdale, FL

Society for Pediatric Anesthesia
education • research • patient safety

American Academy of Pediatrics