PEDIATRIC ANESTHESIOLOGY

March 14 - 17, 2013
Red Rock Casino, Resort & Spa
Las Vegas, NV

A meeting co-sponsored by the Society for Pediatric Anesthesia and the American Academy of Pediatrics Section on Anesthesiology and Pain Medicine

PLEASE VISIT WWW.PEDSANESTHESIA.ORG FOR PROGRAM UPDATES AND REGISTRATION INFORMATION!

Society for Pediatric Anesthesia
American Academy of Pediatrics
education • research • patient safety
Welcome to Pediatric Anesthesiology 2013!

Kirk Lalwani, MD, FRCA, MCR
Program Chair

This year’s Pediatric Anesthesiology meeting will be held in conjunction with the American Academy of Pediatrics Section on Anesthesiology and Pain Medicine at the Red Rock Resort in Las Vegas, Nevada, March 14th-17th, 2013.

As Program Chair, and on behalf of the Program Co-Chairs, Dr. Genie Heitmiller (Workshop Coordinator), Dr. Samuel Wald (PBLD Coordinator), and Dr. Carolyn Bannister (AAP Section Head), I would like to extend a warm welcome to you all. The meeting will provide the framework for attendees to participate in thought-provoking discussions with acclaimed experts in childhood obesity, pediatric ethics, simulation, neural monitoring, and patient safety. The program offers participants the opportunity to earn up to 17.5 CME credits for the SPA meeting. Attendees who register for special workshops, problem based learning discussions (PBLDs), and/or the Special Interest Group–Pediatric Pain Medicine meeting on Thursday (all at additional cost), can earn up to a maximum of 32 CME credits.

We have incorporated many suggestions from feedback received last year that have metamorphosed into new workshops, sessions on ethics and patient safety, and lectures with usable ‘take home’ messages. The scope of the meeting ensures a plethora of networking opportunities with colleagues from around the world in a beautiful desert resort setting, enhanced by the many attractions of Las Vegas.

Three SPA workshops (advanced ultrasound, junior faculty, and a new workshop for Clinical Competence Committee members) are scheduled for Thursday in addition to the SIGPPM meeting and the Congenital Cardiac Anesthesia Society (CCAS) meeting. In addition to the regular core workshops (airway, ultrasound, echocardiography), other workshop offerings include those pertaining to medical missions, investigation of adverse events, acupuncture, single-lung techniques, giving feedback, scientific writing, advanced peripheral vascular access, writing and moderating PBLDs, epidemiology, and early and late-career financial planning.

The general sessions begin on Friday after PBLDs, which have been adjusted to a more favorable jetlag-friendly time. The first session begins by exploring the anesthetic and surgical challenges of Childhood Obesity, a problem of increasing national significance. Following this, an interactive discussion on Pediatric Ethical Dilemmas led by renowned experts in the field will involve robust audience participation and lively debate. This is followed by the Robert M. Smith award presentation, and the AAP Advocacy lecture entitled Childhood Obesity, which will be given by Dr. Thomas Robinson, Endowed Professor in Child Health, and Professor of Pediatrics and Medicine, Stanford University. The afternoon session will be on Simulation for Maintenance of Certification in Anesthesiology (MOCA) that has been designed to recreate for the audience the content and scope of a typical MOCA simulation experience that is required of all MOCA participants. The final Friday session encompasses refresher course lectures on Cardiomyopathy, and Tips, Tricks and Adjuvants for Pediatric Patient Controlled Analgesia Management.

Saturday morning begins with a session on Frontiers in Pediatric Neuroanesthesia featuring talks on the latest developments in Intraoperative Brain Mapping, Perioperative Management of Craniosynostosis, and Intraoperative Neural Monitoring. The second session is dedicated to the oral abstract presentations and awards, and the improved walk around digital poster discussions. Next, the AAP Ask the Experts Panel sponsored this year by the Children’s Hospitals of Cincinnati, Arkansas, and Texas, features the anesthetic management of children with pulmonary, hepatic and renal disease, respectively. The afternoon session focuses on The Role of Technology in Patient Safety and will be delivered by Dr. Matthew Weinger, Director of the Center for Research in Systems Safety at Vanderbilt. Finally, the Refresher Course Lectures emphasize practical ‘take home messages’ for an uncommon condition in The Pathophysiology and Anesthetic Implications of Mitochondrial Diseases, and for everyday anesthetic care in Evidence-based Management of Acute Intraoperative Emergencies in Children.

The general sessions are followed by the afternoon PBLDs with wine and cheese, back by popular demand from last year! The evening is highlighted by a special ‘meet and greet’ reception for younger faculty and fellows (‘The Young Turks’) with short presentations by key SPA leaders to encourage participation in SPA activities, to identify the next generation of SPA leaders. This reception is for fellows and faculty within 10 years of graduation, and requires advance free registration.

Sunday kicks off with PBLDs, followed by ‘Editors’ Best Picks’ highlighting key research papers from Anesthesiology, Anesthesia and Analgesia, and Pediatric Anesthesia, followed by the ever popular Jeopardy, led by our inimitable host, Dr. Myron Yaster.

As I complete my service as Program Chair, I would like to extend my sincere gratitude to all those who helped assemble this program; the SPA Education Committee for suggestions and PBLD reviews, Dr. Genie Heitmiller for workshops, Dr. Sam Wald for PBLDs, Dr. Nancy Glass for her invaluable advice and leadership, Dr. Carolyn Bannister and Dr. Joe Tobias for assistance with the SPA Advocacy Lecture and Ask the Experts speakers, and the SPA Administrative staff, particularly Kim Battie and Stewart Hinckley for their tireless and expert management of the logistics of planning a meeting as big as this.

I leave you to ponder one of my favorite “Fischerisms” by Dr. Martin H. Fischer: “Knowledge is a process of piling up facts; wisdom lies in their simplification.”

I hope you enjoy the meeting.
Meeting Information

**Education Mission Statement**
The annual Winter/Spring 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.

**Scope & Types of Activities**
The program brings together experts from clinical and basic science disciplines related to pediatric medicine, anesthesia, and surgery. General topic areas include anatomy, pathophysiology, anesthetic pharmacology, sedation, pain management, patient safety, and child advocacy. We will also discuss practice and career management issues. The presentation format is varied, and includes lectures and refresher courses, panel discussions, hands-on workshops and problem-based learning discussions. Additionally, an important part of the program is the presentation of new clinical and basic science research in oral and moderated poster-discussion forums. Significant attendee involvement and feedback are encouraged in all aspects of the program, and will be facilitated by the use of real time computerized audience polling as well as sessions where the audience directly participates in case discussions. Program content is, in fact, the direct result of membership input and extensive audience polling at prior meetings.

**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**
**SPA/AAP Program:** 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 32 **AMA PRA Category 1 Credit(s)**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Special Interest Group – Pediatric Pain Medicine:** 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 7.5 **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 March 1, 2013 in order to receive service.

**Hotel Information**
Red Rock Casino, Resort & Spa represents the pinnacle in Las Vegas casino resort hotels. Red Rock offers guests an idyllic getaway at the top of one of America’s most vibrant cities. Ideally situated at the entrance to Red Rock Canyon and minutes from the world-renowned Las Vegas Strip, you couldn’t ask for a more exciting place to play, both indoors and out.
### Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Claude Abdallah, MD</td>
<td>Children's National Medical Center, Washington, DC</td>
</tr>
<tr>
<td>Farzana Afroz, MD</td>
<td>Albany Medical Center, Albany, NY</td>
</tr>
<tr>
<td>Rita Agarwal MD, FAAP</td>
<td>The University of Colorado Anschutz Medical Campus, Aurora, CO</td>
</tr>
<tr>
<td>Warwick A. Ames, MBBS FRCA</td>
<td>Duke University Medical Center, Durham, NC</td>
</tr>
<tr>
<td>Corrie T.M. Anderson, MD</td>
<td>Seattle Children's Hospital, Seattle, WA</td>
</tr>
<tr>
<td>Mari K Baldwin, MD FAAP</td>
<td>St. Lukes-Roosevelt Hospital, New York, NY</td>
</tr>
<tr>
<td>Carolyn F. Bannister, MD, FAAP</td>
<td>Emory University, Atlanta, GA</td>
</tr>
<tr>
<td>Kumar Belani, MD</td>
<td>University of Minnesota Amplatz Children's Hospital, Minneapolis, MN</td>
</tr>
<tr>
<td>Charles B. Berde, MD, PhD</td>
<td>Boston Children's Hospital, Boston, MA</td>
</tr>
<tr>
<td>Tarun Bhalera, MD</td>
<td>Nationwide Children's Hospital, Columbus, OH</td>
</tr>
<tr>
<td>Sally Bitzer, MD</td>
<td>Johns Hopkins Children's Center, Baltimore, MD</td>
</tr>
<tr>
<td>Charles P. Boiniske, CFA</td>
<td>Investment Advisors, LLC, Wayne, PA</td>
</tr>
<tr>
<td>Harry Bonet, MD, PhD</td>
<td>Shriners Hospital for Children, Philadelphia, PA</td>
</tr>
<tr>
<td>Adrian Bosenberg, MB, ChB, FFA</td>
<td>Seattle Children's Hospital, Seattle, WA</td>
</tr>
<tr>
<td>Edwin A. Bowe, MD</td>
<td>University of Kentucky College of Medicine, Lexington, KY</td>
</tr>
<tr>
<td>Tiffany Brainerd, MD</td>
<td>Boston Children's Hospital, Boston, MA</td>
</tr>
<tr>
<td>B. Randall Brenn, MD</td>
<td>A.I. duPont Hospital for Children, Wilmington, DE</td>
</tr>
<tr>
<td>Thomas M. Burch, MD</td>
<td>Boston Children's Hospital, Boston, MA</td>
</tr>
<tr>
<td>Christie D. Burnett-Yamell, MD</td>
<td>Arkansas Children's Hospital, Little Rock, AR</td>
</tr>
<tr>
<td>Gerald A Bushman, MD</td>
<td>Children's Hospital Los Angeles, Los Angeles, CA</td>
</tr>
<tr>
<td>Neal Campbell, MD</td>
<td>Children's Hospital of Pittsburgh, Pittsburgh, PA</td>
</tr>
<tr>
<td>Nicholas P. Carling, MD</td>
<td>Texas Children's Hospital, Houston, TX</td>
</tr>
<tr>
<td>Chandra J. Castro, MD</td>
<td>University of Minnesota Amplatz Children's Hospital, Minneapolis, MN</td>
</tr>
<tr>
<td>Dante Cerza, MD</td>
<td>Children's Hospital of Philadelphia, Philadelphia, PA</td>
</tr>
<tr>
<td>Vidya Chidambaran, MD</td>
<td>Cincinnati Children's Hospital, Cincinnati, OH</td>
</tr>
<tr>
<td>Kelly Chilson, MD</td>
<td>Texas Children's Hospital, Houston, TX</td>
</tr>
<tr>
<td>Jerry Chao, MD</td>
<td>Children's Hospital at Montefiore, Montefiore Medical Center, New York, NY</td>
</tr>
<tr>
<td>Ellen Choi, MD</td>
<td>Ronald Reagan UCLA Medical Center, Los Angeles, CA</td>
</tr>
<tr>
<td>Dinesh Choudhry MD, DA, FRCA</td>
<td>A.I. duPont Hospital for Children, Wilmington, DE</td>
</tr>
<tr>
<td>Jacob Christensen, MD</td>
<td>St. Louis Children's Hospital, St. Louis, MO</td>
</tr>
<tr>
<td>Hyun Kee Chung, MD</td>
<td>Boston Children's Hospital, Boston, MA</td>
</tr>
<tr>
<td>Franklyn P. Cladis, MD</td>
<td>Children's Hospital of Pittsburgh, Pittsburgh, PA</td>
</tr>
<tr>
<td>Ira Todd Cohen, MD, MD, Med, FAAP</td>
<td>Children's National Medical Center, Washington, DC</td>
</tr>
<tr>
<td>Charles J. Coté, MD, FAAP</td>
<td>Massachusetts General Hospital, Boston, MA</td>
</tr>
<tr>
<td>Thomas E. Cox, MD</td>
<td>St. Louis Children's Hospital, St. Louis, MO</td>
</tr>
<tr>
<td>Giovanni Cucchiaro, MD</td>
<td>Children's Hospital Los Angeles, Los Angeles, CA</td>
</tr>
<tr>
<td>Priti Dalal, MD, FRCA</td>
<td>Penn State Hershey Medical Center, Hershey, PA</td>
</tr>
<tr>
<td>Peter J. Davis, MD</td>
<td>Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA</td>
</tr>
<tr>
<td>Divya Dixit, MD</td>
<td>Al duPont Hospital for Children, Wilmington, DE</td>
</tr>
<tr>
<td>Jayant K. Deshpande, MD, MPH, FAAP</td>
<td>Arkansas Children's Hospital, Little Rock, AR</td>
</tr>
<tr>
<td>Nina Deutsch, MD</td>
<td>Children's National Medical Center, Washington, DC</td>
</tr>
<tr>
<td>Christina Diaz, MD</td>
<td>Medical College of Wisconsin/Children's Hospital, Milwaukee, WI</td>
</tr>
<tr>
<td>Jennifer Dillow, MD, FAAP</td>
<td>The Children's Hospital of New Mexico Albuquerque, NM</td>
</tr>
<tr>
<td>James A. DiNardo, MD</td>
<td>Boston Children's Hospital, Boston, MA</td>
</tr>
<tr>
<td>Andrea Dutoit, MD</td>
<td>University of Oklahoma Health Sciences Center, Oklahoma City, OK</td>
</tr>
<tr>
<td>Herodoto Elinas, MD, FAAP</td>
<td>Children's Hospital of Wisconsin, Milwaukee, WI</td>
</tr>
<tr>
<td>Ruba Elmaoued, MD</td>
<td>Upstate Medical Hospital, Syracuse, NY</td>
</tr>
<tr>
<td>James J. Fehr, MD</td>
<td>Washington University in St. Louis, St. Louis, MO</td>
</tr>
<tr>
<td>Allison M. Fernandez, MD</td>
<td>Johns Hopkins Children's Center, Baltimore, MD</td>
</tr>
<tr>
<td>John Fiadjo, MD</td>
<td>Children's Hospital of Philadelphia, Philadelphia, PA</td>
</tr>
<tr>
<td>Quentin Fisher, MD, FAAP</td>
<td>Walter Reed Army Medical Center, Bethesda, MD</td>
</tr>
<tr>
<td>Sean Flack, MBChB, FCA DA</td>
<td>Seattle Children's Hospital, Seattle, WA</td>
</tr>
<tr>
<td>Alia Fox, MD</td>
<td>Duke University Medical Center, Durham, NC</td>
</tr>
<tr>
<td>Andrew Franklin, MD</td>
<td>Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN</td>
</tr>
<tr>
<td>Paul J. Gronapel, MD</td>
<td>Presbyterian Anesthesia Associates, Charlotte, NC</td>
</tr>
<tr>
<td>Jeffrey L. Galinkin, MD, FAAP</td>
<td>The University of Colorado Anschutz Medical Campus, Aurora, CO</td>
</tr>
<tr>
<td>Monica S. Ganatra, MD, MPH</td>
<td>Yale University School of Medicine, New Haven, CT</td>
</tr>
<tr>
<td>Arjunan Ganesh, MBBS</td>
<td>Children's Hospital of Philadelphia, Philadelphia, PA</td>
</tr>
<tr>
<td>Priscilla J. Garcia, MD</td>
<td>Texas Children's Hospital, Houston, TX</td>
</tr>
<tr>
<td>Jessica George, MD</td>
<td>Johns Hopkins Children's Center, Baltimore, MD</td>
</tr>
<tr>
<td>Jaclyn Giannone, sCRNA</td>
<td>Thomas Jefferson University Hospital, Philadelphia, PA</td>
</tr>
<tr>
<td>Nancy Glass, MD, MBA, FAAP</td>
<td>Texas Children's Hospital, Houston, TX</td>
</tr>
<tr>
<td>Kenneth R. Goldschneider, MD, FAAP</td>
<td>Cincinnati Children's Hospital, Cincinnati, OH</td>
</tr>
<tr>
<td>Brenda Golianu, MD</td>
<td>Stanford University, Stanford, CA</td>
</tr>
<tr>
<td>Cheryl K. Gooden, MD, FAAP</td>
<td>Mount Sinai Medical Center, New York, NY</td>
</tr>
<tr>
<td>Shannon Grap, MD</td>
<td>Children's National Medical Center, Washington, DC</td>
</tr>
<tr>
<td>Eliot Grigg, MD</td>
<td>Seattle Children's Hospital, Seattle, WA</td>
</tr>
<tr>
<td>Kendra Grim, MD</td>
<td>Mayo Clinic, Rochester, MN</td>
</tr>
<tr>
<td>Harshad Gurnaney, MBBS, MPH</td>
<td>Children's Hospital of Philadelphia, Philadelphia, PA</td>
</tr>
<tr>
<td>Charles M. Haberkern, MD, MPH</td>
<td>Seattle Children's Hospital, Seattle, WA</td>
</tr>
<tr>
<td>Manon Haché, MD</td>
<td>Morgan Stanley Children's Hospital of New York, New York, NY</td>
</tr>
<tr>
<td>Nancy Hagerman, MD</td>
<td>Cincinnati Children's Hospital, Cincinnati, OH</td>
</tr>
<tr>
<td>Dawit T. Haile, MD</td>
<td>Mayo Clinic, Rochester, MN</td>
</tr>
<tr>
<td>Raafat S. Hannahiah, MD</td>
<td>Children's National Medical Center, Washington, DC</td>
</tr>
</tbody>
</table>
Facultv

Courtney Hardy, MD
Lurie Children’s Hospital of Chicago
Chicago, IL

Carroll Mac Harmon, MD, PhD
Children’s of Alabama
Birmingham, AL

Tracy E. Harrison, MD
Mayo Clinic
Rochester, MN

Stephen Robert Hays, MD, FAAP
Vanderbilt University Medical Center
Nashville, TN

Eugenie S. Heitmiller, MD, FAAP
Johns Hopkins Children’s Center
Baltimore, MD

Rebecca Hong, MD
University of Michigan
Ann Arbor, MI

Anita Honkanen, MD
Stanford University
Stanford, CA

Constance S. Houck, MD, FAAP
Boston Children’s Hospital
Boston, MA

Elisabeth M. Hughes, MD
Monroe Carell Jr. Children’s Hospital at Vanderbilt
Nashville, TN

Agnes I. Hunyady, MD
Seattle Children’s Hospital
Seattle, WA

Narasimhan Jagannathan, MD
Ann & Robert H. Lurie Children’s Hospital of Chicago
Chicago, IL

Nathalia Jimenez, MD
Seattle Children’s Hospital
Seattle, WA

Richard Kaplan, MD
Children’s National Medical Center
Washington, DC

Rachel Koll, MD
Cincinnati Children’s Hospital
Cincinnati, OH

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

Sabine Kost-Byerly, MD, FAAP
Johns Hopkins Children’s Center
Baltimore, MD

Pete G. Kovatsis, MD
Boston Children’s Hospital
Boston, MA

Courtney Kowalczyk, MD
Children’s Medical Center Dallas/UT Southwestern
Dallas, TX

Elliott J. Krane, MD
Stanford University
Stanford, CA

Anjana Kundu, MBBS, MD
Seattle Children’s Hospital
Seattle, WA

Kirk Lalwani, MD, FRCA, MCR
Oregon Health Sciences University
Portland, OR

Michael Lamm, DO
University of Illinois-Chicago
Chicago, IL

Greg Latham, MD
Seattle Children’s Hospital
Seattle, WA

John Lantos, MD
Children’s Mercy Hospitals & Clinics
Kansas City, MO

Charles Lee, MD
Sunset Kaiser Permanente
Los Angeles, CA

Jerrold Lerman, MD, FRCP
Women & Children’s Hospital of Buffalo
Buffalo, NY

J. Lance Lichtor, MD
Yale University School of Medicine
New Haven, CT

Etaina Lin, MD
Children’s Hospital of Philadelphia
Philadelphia, PA

Yuan-Chi Lin, MD, MPH
Boston Children’s Hospital
Boston, MA

Rebecca Lintner, MD
Children’s Hospital at Montefiore, Montefiore Medical Center
New York, NY

Thomas Long, MD
University of New Mexico
Albuquerque, NM

Per-Arne Lonnqvist, MD
KS/AL Children’s Hospital
Stockholm, Sweden

Lindsey Loveland, MD
Medical College of Wisconsin
Children’s Hospital
Milwaukee, WI

M. Faith Lukens, MS
University of Kentucky College of Medicine
Lexington, KY

Shobha Malviya, MD, FAAP
University of Michigan/CS Mott Children’s Hospital
Ann Arbor, MI

Glenn Mann, MD
Montefiore Medical Center
New York, NY

Inna Maranets, MD
University of Connecticut Medical School
New Haven, CT

Scott Markowitz, MD, FAAP
The University of Colorado
Anschutz Medical Campus
Aurora, CO

Timothy W. Martin, MD, MBA
Arkansas Children’s Hospital
Little Rock, AR

Maria Matuszczak, MD
University of Texas
Houston Medical Center
Houston, TX

Lynne Gerson Maxwell, MD, FAAP
Children’s Hospital of Philadelphia
Philadelphia, PA

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

Petra Meier-Haran, MD, DEAA
Boston Children’s Hospital
Boston, MA

Carrie Menser, MD
Monroe Carell Jr. Children’s Hospital at Vanderbilt
Nashville, TN

Wanda C. Miller-Hance, MD
Texas Children’s Hospital
Houston, TX

Constance Monitto, MD
Johns Hopkins Children’s Center
Baltimore, MD

Jeffrey P. Murray, MD
Valle Anesthesiology Consultants, Ltd.
Phoenix, AZ

Aruna T. Nathan, MBBS, FRCA
Children’s Hospital of Philadelphia
Philadelphia, PA

Kimberly K. Nesbitt, MD
Monroe Carell Jr. Children’s Hospital at Vanderbilt
Nashville, TN

Julie G. Nyquist, PhD
University of Southern California /Keck School of Medicine
Los Angeles, CA

Susumu Ohkawa, MD
Columbia University Medical Center
New York, NY

Patrick N. Olomu, MD, FRCA
Children’s Medical Center
Dallas, TX

Tony Palermo, PhD
Seattle Children’s Hospital
Seattle, WA

Uma Parekh, MD, FRCA
Penn State Hershey Medical Center
Hershey, PA

Jerome Parness, MD, PhD
Children’s Hospital of Pittsburgh
Pittsburgh, PA

Amish Patel, MD
All Children’s Hospital
St. Petersburg, FL

Stacy Peterson, MD
Medical College of Wisconsin/Children’s Hospital
Milwaukee, WI

Joyce Phillips, MD, FAAP
The Children’s Hospital of New Mexico
Albuquerque, NM

Teeda Pinyavat, MD
Morgan Stanley Children’s Hospital of New York Presbyterian
New York, NY

David M. Polaner, MD, FAAP
The University of Colorado
Anschutz Medical Campus
Aurora, CO

George D. Politis, MD, MPH
University of Virginia Medical Center
Charlottesville, VA

Robert W. Power, MD
Texas Children’s Hospital
Houston, TX

J. Nick Pratap, MD
Cincinnati Children’s Hospital
Cincinnati, OH

RJ Ramamurthi, MD, FRCA
Stanford University
Stanford, CA

Mohamed A. Rehman, MD
Children’s Hospital of Philadelphia
Philadelphia, PA

David Robinowitz, MD
University of California San Francisco
San Francisco, CA

Thomas Robinson, MD
Stanford University
Stanford, CA

Mark A. Rockoff, MD
Boston Children’s Hospital
Boston, MA

Thomas M. Romanelli, MD
Monroe Carell Jr. Children’s Hospital at Vanderbilt
Nashville, TN

Allison Kinder Ross, MD
Duke University Medical Center
Durham, NC

Valerie A. Rossetti, MD
Hartford Hospital
Hartford, CT

Kasia Rubin, MD
Rainbow Babies & Children’s Hospital
Cleveland, OH

Senthilkumar Sadhasivam, MD, MPH
Cincinnati Children’s Hospital
Cincinnati, OH

Angela Saettele, MD
St. Louis Children’s Hospital
St. Louis, MO
Faculty

Steven W. Samoya, MD
Vanderbilt University Medical Center
Nashville, TN

Paul J. Samuels, MD
Cincinnati Children's Hospital
Cincinnati, OH

Amod Sawardekar, MD
Ann & Robert H Lurie Children's Hospital of Chicago
Chicago, IL

Gregory J. Schears, MD
Mayo Clinic
Rochester, MN

Michelle Schlunt, MD
UCLA / Sunset Kaiser Permanente
Los Angeles, CA

Hedwig Schroek, MD
University of Michigan
Ann Arbor, MI

Alan J. Schwartz, MD, MSEd
Children's Hospital of Philadelphia
Philadelphia, PA

Jamie M. Schwartz, MD
Children's National Medical Center
Washington, DC

Deborah A. Seefelder, MD
Boston Children's Hospital
Boston, MA

Navil F. Sethna, MB, ChB
Boston Children's Hospital
Boston, MA

Allan F. Simpao, MD
Children's Hospital of Philadelphia
Philadelphia, PA

Tod Sloan, MD, PhD, MBA
The University of Colorado
Anschutz Medical Campus
Aurora, CO

Bettina Smallman, MD
Upstate Medical Hospital
Syracuse, NY

Heidi Smith, MD, MSC
Vanderbilt University Medical Center
Nashville, TN

Codruta Soneru, MD
University of New Mexico
Albuquerque, NM

Susan R. Staudt, MD, MSEd
Medical College of Wisconsin/Children's Hospital
Milwaukee, WI

James M. Steven, MD
Children's Hospital of Philadelphia
Philadelphia, PA

Joel Stockman, MD
Ronald Reagan UCLA Medical Center
Los Angeles, CA

John Stork, MD
Rainbow Babies & Children's Hospital
Cleveland, OH

Paul A. Stricker, MD
Children's Hospital of Philadelphia
Philadelphia, PA

Santhanam Suresh, MD, FAAP
Lurie Children's Hospital
Chicago, IL

Peter Szmuk, MD
Children's Medical Center
Dallas, TX

Judit M. Szlonoki, MD
The University of Colorado
Anschutz Medical Campus
Aurora, CO

Brad M. Taicher, DO, MBA
Duke University Medical Center
Durham, NC

Rosalie Tassone, MD, MPH
University of Illinois at Chicago
Chicago, IL

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

Premal Trivedi, MD
Lurie Children's Hospital of Chicago
Chicago, IL

Robert D. Truong, MD, MA, FACC
Boston Children's Hospital
Boston, MA

Cynthia Tung, MD, MPH
Boston Children's Hospital
Boston, MA

Donald C. Tyler, MD, MBA
Children's Hospital of Philadelphia
Philadelphia, PA

Tetsu Uejima, MD
Ann & Robert H. Lurie Children's Hospital of Chicago
Chicago, IL

Songyos Valairucha, MD
Children's National Medical Center
Washington, DC

Susan Verghese, MD
Children's National Medical Center
Washington, DC

Samuel Wald, MD
Ronald Reagan UCLA Medical Center
Los Angeles, CA

Sarah Walton, MD
University of Michigan
Ann Arbor, MI

Shu-Ming Wang, MD
University of California Irvine
Medical School
Irvine, CA

Scott C. Watkins, MD
Vanderbilt University Medical Center
Nashville, TN

Matthew Weinger, MD
Vanderbilt University Medical Center
Nashville, TN

Tim Welch, MD
Washington University in St. Louis
St. Louis, MO

Marisa Wiktor, DO
Medical College of Wisconsin
Children's Hospital
Milwaukee, WI

Nicole Wieder, MD
University of Michigan
Ann Arbor, MI

Robert T. Wider, MD, PhD
Mayo Clinic
Rochester, MN

Julie Williamson, DO
Stanford University
Stanford, CA

Samuel David Yanofsky, MD, MSEd
Children's Hospital Los Angeles
Los Angeles, CA

Myron Yaster, MD
Johns Hopkins Children's Center
Baltimore, MD

Luis M. Zabala, MD
Children's Medical Center
Dallas, TX

CONVENIENT ONLINE REGISTRATION
FOR PEDIATRIC ANESTHESIOLOGY 2013!

Visit www.pedsanesthesia.org to register for the meetings and book your hotel reservations online.

Registration rates increase after February 18, 2013. Printable forms are also available at www.pedsanesthesia.org

Hotel Accommodations
Red Rock Casino, Resort and Spa
11011 West Charleston Boulevard • Las Vegas, NV 89135 • Phone: 866-767-7773 or 702-797-7777

SPA Group Rates: $175 – Single/Double; $200 – Triple; $225 – Quad (plus 12% tax rate)
Cut-off date is Monday, February 18, 2013.

Go to www.pedsanesthesia.org for the link to make your hotel reservations online.
Or call 866-767-7773 to make your reservations. Group Code: RCISPA
Special Interest Group
Pediatric Pain Medicine 2013 Program
Frontiers in Pediatric Pain Medicine
Thursday, March 14, 2013

7:00 am-5:00 pm  Registration

7:45-8:00 am  Introduction and Welcome  – Rosalie Tassone MD, MPH

ACUTE PAIN 1: INNOVATIONS IN REGIONAL ANESTHESIA
Moderator: Rosalie Tassone MD, MPH
8:00-8:30 am  Innovations in Long Acting Local Anesthetics  – Charles B. Berde, MD, PhD
8:30-9:00 am  Adjuvants in Regional and Neuraxial Anesthesia: An Update  – Corrie T.M. Anderson, MD
9:00-9:15 am  Questions

ACUTE PAIN 2: PERSONALIZING PEDIATRIC PAIN MEDICINE
Moderator: Anjana Kundu MBBS, MD
9:15-9:30 am  Utilization of -omics Technologies to Predict Drug Response for Pain Medication  – Jeffrey L. Galinkin, MD, FAAP
9:45-10:15 am  Influence of Race and Ethnicity in Pediatric Pain  – Nathalia Jimenez, MD
10:15-10:30 am  Questions
10:30-10:45 am  Break

PRO/CON DEBATE: ARE WE MISSING THE RAVE? USING KETAMINE ROUTINELY IN THE OPERATING ROOM
Moderator: Constance Monitto MD
10:45-11:00 am  Pro  – R. Scott Dingeman, MD
11:00-11:15 am  Con  – Stephen Robert Hays, MD, FAAP
11:15-Noon  Rebuttals and Discussion
Noon-1:00 pm  Lunch

1:00-2:00 PM  EXPERT PANEL: PERSPECTIVES FOR TREATING PAIN IN THE CHILD WITH CANCER: A CASE-BASED DISCUSSION
Moderator: Rita Agarwal MD, FAAP
• The Allopathic Pain Specialist  – Kenneth R. Goldschneider, MD, FAAP
• The Integrative Physician  – Yuan-Chi Lin, MD, MP
• The Psychologist  – Tonya Palermo, PhD

CHRONIC PAIN 1: CIRCUITRY
Moderator: Sabine Kost-Byerly MD, FAAP
2:00-2:30 pm  Neuropathic Pain: A Review  – Giovanni Cucchiaro, MD
2:30-3:00 pm  Opioid Induced Hyperalgesia  – Navil F. Sethna, MB, ChB
3:00-3:15 pm  Questions
3:15-3:30 pm  Break

CHRONIC PAIN 2: INTERFACING TECHNOLOGY AND PAIN
Moderator: Petra Meier-Haran MD, DEAA
3:30-4:00 pm  Telemedicine in Pediatric Pain  – Anjana Kundu, MBBS, MD
4:00-4:45 pm  Using the Internet to Enhance Access to Evidence-based Pediatric Pain Interventions  – Tonya Palermo, PhD
4:45-5:00 pm  Questions
5:00 pm  Concluding Remarks
SPA/AAP Program

**THURSDAY, MARCH 14, 2013 • SPECIAL WORKSHOPS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am-5:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>1:00 - 5:00 pm</td>
<td>Return to the Future: Clinical Competence Committee 2.0 – Samuel D. Yanofsky MD, MEd; Julie J. Nyquist, PhD; Ira Todd Cohen, MD, MEd</td>
</tr>
<tr>
<td>4:00 - 6:00 pm</td>
<td>Junior Faculty Workshop – Jerome Parness, MD, PhD</td>
</tr>
<tr>
<td>4:00 - 7:00 pm</td>
<td>Advanced Ultrasound Guided Regional Anesthesia – Santhanam Suresh MD, FAAP; Amod Sawardekar MD; Adrian Bosenberg MB, ChB, FFA; Arjunan Ganesh MBBS; Per-Arne Lonnqvist MD; Richard Elliott MD; Robert W. Power MD; Sean Flack MBChB FCA DA; Adam Weingart MD</td>
</tr>
</tbody>
</table>

**Friday, March 15, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am-5:30 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>6:30-8:00 am</td>
<td>Continental Breakfast with Exhibitors and Posters</td>
</tr>
<tr>
<td>6:50-8:00 am</td>
<td>PBLDs (See page 11 for details)</td>
</tr>
<tr>
<td>8:00-8:15 am</td>
<td>Welcome and Outline of Educational Program</td>
</tr>
<tr>
<td>8:15-8:45 am</td>
<td>Anesthetic Challenges in Pediatric Obesity Surgery – Paul J. Samuels, MD</td>
</tr>
<tr>
<td>8:45-9:15 am</td>
<td>OSAS and Obesity: Diagnosis, Treatment, and Perioperative Care – Deborah A. Schwengel, MD</td>
</tr>
<tr>
<td>9:15-9:45 am</td>
<td>Surgical vs. Medical Treatment of Childhood Obesity – Carroll Mac Harmon, MD, PhD</td>
</tr>
<tr>
<td>9:45-10:00 am</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:00-10:45 am</td>
<td>Coffee Break with Exhibitors and Posters</td>
</tr>
</tbody>
</table>

**SESSION I: ANESTHETIC CHALLENGES IN CHILDHOOD OBESITY**

**Moderator: Franklyn P. Cladis MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15-8:45 am</td>
<td>Anesthetic Challenges in Pediatric Obesity Surgery – Paul J. Samuels, MD</td>
</tr>
<tr>
<td>8:45-9:15 am</td>
<td>OSAS and Obesity: Diagnosis, Treatment, and Perioperative Care – Deborah A. Schwengel, MD</td>
</tr>
<tr>
<td>9:15-9:45 am</td>
<td>Surgical vs. Medical Treatment of Childhood Obesity – Carroll Mac Harmon, MD, PhD</td>
</tr>
<tr>
<td>9:45-10:00 am</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:00-10:45 am</td>
<td>Coffee Break with Exhibitors and Posters</td>
</tr>
</tbody>
</table>

**SESSION II: ETHICS IN PEDIATRIC ANESTHESIOLOGY**

**Moderator: Nancy Glass, MD, MBA, FAAP**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45-11:45 am</td>
<td>Ethical Dilemmas in Pediatric Anesthesiology - An Interactive Discussion – John Lantos, MD; Robert D. Truog, MD, MA, FCCM</td>
</tr>
<tr>
<td>11:45 am-12:45 pm</td>
<td>Lunch with Exhibitors and Posters</td>
</tr>
</tbody>
</table>

**SESSION III: ROBERT M SMITH PRESENTATION**

**Moderator: Carolyn F. Bannister, MD, FAAP**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:45-1:00 pm</td>
<td>AAP Robert M Smith Presentation - John Christian Abajian, MD, FAAP – Constance S. Houck, MD, FAAP</td>
</tr>
<tr>
<td>1:00-2:00 pm</td>
<td>AAP Advocacy Lecture - Childhood Obesity – Thomas Robinson, MD</td>
</tr>
</tbody>
</table>

**SESSION IV: SIMULATION IS IN YOUR FUTURE: THE MOCA EXPERIENCE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00-3:30 pm</td>
<td>Crisis Resource Management, Simulation, MOCA and the Pediatric Anesthesiologist – Samuel Wald, MD; Anita Honkanen, MD</td>
</tr>
<tr>
<td>2:00-6:30 pm</td>
<td>Special Workshops (See page 12 for details.)</td>
</tr>
<tr>
<td>3:30-4:00 pm</td>
<td>Break with Exhibitors</td>
</tr>
</tbody>
</table>

**SESSION V: REFRESHER COURSE UPDATES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00-4:45 pm</td>
<td>REFRESHER COURSE: Cardiomyopathy – Nina Deutsch, MD</td>
</tr>
<tr>
<td>4:45-5:30 pm</td>
<td>REFRESHER COURSE: Challenges with PCA Management in Kids: Tips, Tricks, and Adjuvants – Shobha Malviya, MD, FAAP</td>
</tr>
<tr>
<td>5:30-7:00 pm</td>
<td>Reception with Exhibitors</td>
</tr>
</tbody>
</table>
SPA/AAP Program

Saturday, March 16, 2013

6:30 am-5:00 pm  Registration
7:00-8:00 am  Continental Breakfast with Exhibitors and Posters

SESSION I: CORE LECTURES: FRONTIERS IN PEDIATRIC NEUROANESTHESIA; SEIZURES, SYNOSTOSIS AND STIMULATION
Moderator: Mark A. Rockoff, MD

8:00-8:25 am  Anesthetic Challenges of Intraoperative Brain Mapping in Children
Nicholas P. Carling, MD

8:25-8:50 am  Perioperative Management of Craniosynostosis
Charles Haberkern, MD, MPH

8:50-9:15 am  Intraoperative Neural Monitoring: SSEP/MEP/EMG
Tod Sloan, MD, PhD, MBA

9:15-9:30 am  Discussion

9:30-10:00 am  Coffee Break with Exhibitors and Posters

SESSION II: POSTER PRESENTATIONS AND AWARDS

10:00-10:45 am  Oral Presentations and Abstract Awards
Moderators: Kirk Lalwani, MD, FRCA, MCR; Joseph D. Tobias, MD

10:45-11:00 am  Discussion

11:00 am-12:30 pm  Walk around Posters/Discussion Session

SESSION III: AAP ASK THE EXPERTS PANEL

12:30-1:30 pm  AAP Ask the Experts Panel and Lunch
Anesthesia for Patients with Pulmonary Disease, Hepatic Disease and Renal Disease
Sponsored by: Cincinnati Children’s, Arkansas Children’s Hospital and Texas Children’s Hospital
Moderator: Lynne Gerson Maxwell, MD

Panelists:
- Nancy Hagerman, MD, Cincinnati Children’s Hospital - Perioperative Implications of Pulmonary Disease
- Christie Burnett-Yarnell, MD, Arkansas Children’s Hospital – Anesthetic Implications of Hepatic Disease
- Priscilla J. Garcia, MD, Texas Children’s Hospital – Anesthetic Implications of Renal Disease

SESSION IV: TECHNOLOGY AND PATIENT SAFETY
Moderator: Eugenie Heitmiller, MD, FAAP

1:30-2:15 pm  Understanding the Role of Technology in Patient Safety
Matthew Weinger, MD

2:15-2:30 pm  Break

SESSION V: REFRESHER COURSE UPDATES

2:30-3:15 pm  REFRESHER COURSE: Pathophysiology and Anesthetic Implications of Mitochondrial Diseases
Allison Kinder Ross, MD

3:15-4:00 pm  REFRESHER COURSE: Evidence-based Management of Acute Intraoperative Emergencies in Children
Alan Schwartz, MD, MSEd

1:30-4:30 pm  Special Workshops (See page 12 for details.)

4:00-4:30 pm  Break

4:30-5:40 pm  PBLDs (See page 11 for details.)
SPECIAL RECEPTION: THE YOUNG TURKS....SPA NEEDS YOU!

5:45-6:30 pm  Leadership and Academic Growth Opportunities for Faculty and Fellows in the Society for Pediatric Anesthesia
Moderator: Nancy Glass, MD; Myron Yaster, MD; Rosalie Tassone, MD; Sam Wald, MD
Informal wine and cheese reception with short presentations from key SPA leaders highlighting SPA opportunities for involvement and career advancement.
Restricted to fellows and faculty within 10 years of fellowship.
REGISTRATION FOR THE SPECIAL RECEPTION IS CLOSED.
WE HAVE FILLED ALL THE AVAILABLE SLOTS.

Sunday, March 17th, 2013

6:45-7:55 am  PBLDs (See page 11 for details.)
7:00-8:00 am  Continental Breakfast

SESSION I: EDITORS’ BEST PICKS
Moderator: Jeffrey P. Morray, MD

8:00-8:20 am  Anesthesiology
J. Lance Lichtor, MD

8:20-8:40 am  Anesthesia and Analgesia
Peter J Davis, MD

8:40-9:00 am  Pediatric Anesthesia
Charles J. Coté, MD, FAAP

9:00-9:30 am  Audience Discussion and Questions

SESSION II: JEOPARDY
Moderator: Myron Yaster, MD

9:30-11:00 am  Jeopardy Session
11:00-11:15 am  Educational Summary
Adjourn
Problem-Based Learning Discussions

Register for PBLDs online at www.pedsanesthesia.org

Friday, March 15, 2013: 6:50-8:00 AM

Table # 1  I’ve just had a Happy Meal (yum), I’ve got CHARGE syndrome & TOF and now I need surgery ASAP-Monica S. Ganatra, MD, MPH; J. Lance Lichtor, MD

Table # 2  “What’s the big hurry?” Fast Track Pediatric Cardiac Surgery: Does the risk outweigh the benefits?-Scott Watkins, MD, Heidi Smith, MD, MSCI

Table # 3  Children Who Refuse Surgery: A Case-Based Discussion-Elisabeth M. Hughes, MD; Carrie Menser, MD

Table # 4  Fishing for Peanuts In The Airway: a Surprise Around Every Corner-Inna Maranets, MD; Shu-Ming Wang, MD

Table # 5  Hypothermia in a newborn in the MRI scanner: A quality of care issue-Uma Parekh, MD, FRCA; Priti Dalal, MD, FRCA

Table # 6  An Eroding Airway: Emergency anesthetic management of a child with mediastinitis, septic shock and a necrotizing tracheal rupture-Eliana E. Lin, MD; Dante A, Cerza, MD

Table # 7  Postoperative pain management for a patient undergoing radical excision of tracheal sarcoma-Harshad Gurnaney, MBBS, MPH; Arjunan Ganesh, MBBS

Table # 8  Anesthetic Management in Patients with Pleuropulmonary Blastoma: A report-Ruba Elmaoued, MD; Bettina Smallman, MD

Table # 9  Fell from a tree and broke your tracheobronchial tree. Anesthetic implications, complications, and management-Warwick A. Ames, MBBS FRCA; Brad M Taicher, DO, MBA

Table # 10  Management of Traumatic Endotracheal Intubation and Extracorporeal Membrane Oxygenation in Neonates-Allan F. Simpao, MD; Mohamed A. Rehman, MD

Table # 11  Recurrent Intraoperative Anaphylactic Reaction: What are we missing?-Vidya Chidambaram, MD; Senthilkumar Sadhasivam, MD., MPH

Table # 12  My Anesthesia Machine in Your PICU: Who manages it? Who bills it?-Songvos Valairucha, MD; Susan Verghese, MD

Table # 13  EXIT procedure: Management of a prenatally diagnosed, tracheal obstructing, cervical teratoma from birth to discharge-Glenn Mann, MD; Michael Latham, MD

Table # 14  Mitochondrial Disease: Have We Come To A Consensus For Anesthetic Management?-Kimberly K. Nesbitt, MD; Thomas M. Romaneli, MD

Table # 15  Positive pregnancy test in a 15 year old presenting for surgical correction of coarctation of the aorta.-M. Faith Lukens, MD; Edwin A. Bowe, MD

Table # 16  A Neonate with Inability to Intubate the Trachea at Delivery Request for “Stat” Transport Direct to Your OR with mask CPAP?-Susan R Staudt, MD, MSED; Stacy Peterson, MD

Saturday, March 16, 2013: 4:30-5:40 PM

Table # 17  A child with Glenn cardiac physiology and prior hypoxic-ischemic brain injury presenting for major hip surgery-J. Nick Pratap, MD; Rachel Koll, MD

Table # 18  Acute shunt thrombosis during laparoscopic Nissen/G-tube procedure in an infant following Norwood palliation for hypoplastic left heart syndrome-Aruna Chantry, MD; Senthilkumar Sadhasivam, MD., MPH

Table # 19  Conflicts Among Consultants in End-of-Life Care for the Teenage Cardiac Infant following Norwood palliation in an infant with hypoplastic left heart syndrome.-Carrie TM Anderson, MD

Table # 20  A Palliative Tracheal Stent in a Pediatric Patient with Mediastinal Mass: First do no harm-Allison M Fernandez, MD; Jamie M Schwartz, MD

Table # 21  Necrotizing Enterocolitis In Premature Infants-George A. Gregory, MD; David Robinowitz, MD

Table # 22  Postnatal Diagnosis: Vein of Galen Aneurysmal Malformation with High Output Cardiac Failure-Marisa Wiktor, MD; Lindsey Loveland, MD

Table # 23  Why isn’t this patient’s block catheter working? Trouble-shooting pediatric continuous peripheral nerve blocks-Tiffany Brainerd, MD; Hyun Kee Chung, MD

Table # 24  Pneumothorax, pneumoperitoneum and associated complications as relates to one-lung ventilation-Harry Bonet, MD, PhD; Jaclyn Giannone, nCRNA

Table # 25  Go-kart crash in a 10 year old-Manon Haché, MD; Teeda Pinyavat, MD

Table # 26  One New Liver and Two Blue Extremities: Management of Coagulation Defects in a Child with an Inborn Error of Metabolism-Courtney Kowalczyk, MD; Mohamed Rehman, MD

Table # 27  An Adolescent with Anorexia and Idiopathic Scoliosis for Spinal Fusion: Introducing ‘ProAnx’ (Pro-Anxiety) and the Intraoperative Complications of “Hinspiration.”-Herodotos Ellinas, MD, FAAP; Alia Fox, MD

Table # 28  Improving Safety in the Pediatric Cardiac Cath Lab-Joyce Phillips, MD, FAAP; Jennifer Dillow, MD, FAAP

Table # 29  TandemHeart placement as a bridge to transplant in a 6 year-old female with fulminating heart failure and heparin-induced thrombocytopenia (HIT)?-Premal Saettele, MD

Table # 30  Chronic Regional Pain Syndrome: Need for integrative modalities to aid long term pain control-Kasia Rubin, MD; John Stork, MD

Table # 31  Bridging to transplant with a lung assist device following an open lung biopsy complicated by a pulmonary hypertensive crisis-James J. Fehr, MD; Tim Welch, MD

Table # 32  A 5-Year Old Boy With Williams Syndrome And Branch Pulmonary Artery Stenosis Presents For Supravalvar Aortic Stenosis Repair-Rebecca Hong, MD; Nicole Wilder, MD

Sunday, March 17, 2013: 6:45-7:55 AM

Table # 33  Anesthetic Management of Tracheoesophageal Fistula in a Premature Newborn with VACTERL Association and Hypoplastic Left Heart Syndrome-Greg Latham, MD; Eliot Grigg, MD

Table # 34  An infant with Gorlin’s Syndrome and an unresectable cardiac fibroma with ST segment changes on induction of anesthesia-Kelly Chilson, MD; Jacob Christensen, MD

Table # 35  OMG! Foreign body in the trachea of a premature (850 Gm) baby! How is he breathing? How to anesthetize him?-Claude Abdallah, MD; Raafat S Hannallah, MD

Table # 36  An 11-year-old with mediastinal masses and respiratory distress presents for diagnostic procedures – and his parents refuse anesthesia-Hedwig Schroec, MD; Sarah Walton, MD

Table # 37  Opening Pandora’s Box: A 2 day old neonate with duodenal atresia, found to have a critical airway anomaly during induction!-Fatranza Afroz, MD; Christina Diaz, MD

Table # 38  A Case of Cerebellar Mutism after Posterior Fossa Tumor Resection-Jerry Chao, MD; Rebecca Lintner, MD

Table # 39  Teenager with Spinal Muscular Atrophy for Open Reduction and Fixation of a Femur Fracture: General or Regional Anesthesia?-Agnes Hunyady, MD; Corrie TM Anderson, MD

Table # 40  16 year old with Disabling Chest Wall Pain after Thoracoscopic Talc Pleurodesis for Treatment of Recurrent Spontaneous Pneumothoraces-Kendra Grim, MD; Robert T. Wieder, MD, PhD

Table # 41  Management of a pediatric trauma patient (with a bleeding disorder) . . . when there is too little information and too little time-Thomas E. Cox, MD; Angela Saetle, MD

Table # 42  Cardiac arrest in a infant with epidermolysis bullosa during central line placement-Chandra Castro, MD; Kumar Belani, MD

Table # 43  Cardiac arrest in a 10 year old following subcutaneous Epinephrine injection prior to excision of a neck mass-Codruta Soneru, MD; Thomas Long, MD

Table # 44  Anesthetic Management of a Child with Malignant Hypertension Secondary to a Renal Paraganglioma and Concomitant Renal Artery Stenosis-Joel Stockman, MD; Ellen Choi, MD

Table # 45  The Challenges of Undiagnosed Hypotonia-Shannon Grab, MD; Richard Kaplan, MD

Table # 46  Perianesthetic Disasters: What Next for the Anesthesiologist?-Christie D. Yarnell, MD; Timothy W. Martin, MD, MBA

Table # 47  EGD/Colonoscopy in a Patient with Failing Fontan Circulation: Can’t You Just Do a MAC?-Michelle Schlunt, MD; Charles Lee, MD

Table # 48  Evidence based opioid and benzodiazepine weaning following complicated Norwood palliation in an infant with hypoplastic left heart syndrome.-Carrie Menzer, MD; Andrew Franklin, MD
## Workshops & Refresher Courses

Space is limited. Register online at www.pedsanesthesia.org.

First fee listed is through 2/18/2013 and second is after 2/18/2013.

### THURSDAY, MARCH 14

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00-5:00 pm</td>
<td>Return to the Future: Clinical Competence Committee 2.0 – Samuel D. Yanofsky MD, MSeEd; Julie J. Nyquist, PhD; Ira Todd Cohen, MD, MEd</td>
<td>$120/$150</td>
</tr>
<tr>
<td>4:00-6:00 pm</td>
<td>Junior Faculty Workshop – Jerome Parness MD, PhD</td>
<td>No Charge</td>
</tr>
<tr>
<td>4:00-7:00 pm</td>
<td>Advanced Ultrasound Guided Regional Anesthesia – Moderator: Santhanam Suresh MD, FAAP; Senior faculty: Amod Sawardekar MD; Adrian Bosenberg MB, ChB, FFA; Arjunan Ganesh MBBS; Per-Arne Lonnqvist MD. Associate faculty: Robert W. Power MD; Sean Flack MBChB FCA DA; Adam Weingart MD</td>
<td>$200/$250</td>
</tr>
</tbody>
</table>

### FRIDAY, MARCH 15

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00-4:00 pm</td>
<td>Financial Planning - Near Retirement – Charles P. Boinske, CFA</td>
<td>$60/$75</td>
</tr>
<tr>
<td>3:30-6:30 pm</td>
<td>Advanced Techniques for Peripheral Vascular Access – Gregory J. Schears MD; Dawit T. Haile, MD; Scott D. Markowitz, MD, FAAP; Luis M. Zabala, MD; Steven W. Samoya, MD; Paul J. Fronapfel, MD; Andrea Dutoit, MD; Kendra Grinn, MD</td>
<td>$90/$120</td>
</tr>
<tr>
<td>3:30-6:30 pm</td>
<td>Advanced Ultrasound Guided Regional Anesthesia – Moderator: Santhanam Suresh MD, FAAP; Amod Sawardekar MD; Adrian Bosenberg MB, ChB, FFA; Arjunan Ganesh MBBS; Per-Arne Lonnqvist MD. Associate faculty: Tarun Bhatia MD; Senthilkumar Sadaravish MD, MPH; Susuma Ohkawa MD; Navil Sethna MB, ChB</td>
<td>$200/$250</td>
</tr>
<tr>
<td>4:30 - 6:30 pm</td>
<td>Financial Planning - Early Career – Charles P. Boinske, CFA</td>
<td>$60/$75</td>
</tr>
</tbody>
</table>

### Refresher Courses

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00-4:45 pm</td>
<td>Cardiomyopathy – Nina Deutsch MD</td>
<td>No Charge</td>
</tr>
<tr>
<td>4:45-5:30 pm</td>
<td>Challenges with PCA Management in Kids: Tips, Tricks, and Adjuvants – Shobha Malviya MD, FAAP</td>
<td>No Charge</td>
</tr>
</tbody>
</table>

### SATURDAY, MARCH 16

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-4:30 pm</td>
<td>Acupuncture – Yuan-Chi Lin MD; Brenda Gottlau MD; Rosalie Tassone MD, MPH; Cynthia Tung MD, MPH; Shu-Ming Wang MD</td>
<td>$60/$75</td>
</tr>
<tr>
<td>2:30-4:30 pm</td>
<td>Challenging Situations During Mission Anesthesia – George D. Politis MD, MPH; Quentin Fisher MD, FAAP; Valerie A. Rossetti MD</td>
<td>$60/$75</td>
</tr>
<tr>
<td>2:30-4:30 pm</td>
<td>Giving Feedback – Jayant K. Deshpande MD, MPH, FAAP; Sally Bitzer, MD; Jessica George, MD</td>
<td>$60/$75</td>
</tr>
<tr>
<td>2:30-4:30 pm</td>
<td>How to Design and Moderate an Effective PBLD – Kirk Lalwani MD, FRCA; MCR; Nancy L. Glass MD, MBA; FAAP</td>
<td>No Charge</td>
</tr>
<tr>
<td>2:30-4:30 pm</td>
<td>Investigating Adverse Events – Matthew Weinger MD; Neal Campbell MD; Eugenie S. Heitlmiller MD, FAAP; Donald C. Tyler MD, MBA; Tetsu Uejima, MD</td>
<td>$60/$75</td>
</tr>
<tr>
<td>2:30-4:30 pm</td>
<td>Single Lung Workshop – Dinesh Choudhry MD, DA; FRCA; RJ Ramamurthi, MD; FRCA; Julie Williamson, DO; Christian Seefeldt, MD; B. Randall Brenn, MD; Divya Dixit, MD; Harry Bonet, MD, PhD</td>
<td>$60/$75</td>
</tr>
<tr>
<td>1:30-4:30 pm</td>
<td>Art of Scientific Writing – Jerrold Lerman MD, FRCP</td>
<td>$90/$120</td>
</tr>
<tr>
<td>1:30-4:30 pm</td>
<td>Echo: Basic and Advanced – James A. DiNardo MD; Thomas M. Burch MD; Wanda C. Miller-Hance MD</td>
<td>$90/$120</td>
</tr>
<tr>
<td>1:30-4:30 pm</td>
<td>Epidemiology – Thomas R. Vetter MD, MPH. Participants are encouraged but not required to bring their own preliminary research questions or actual collected data to the workshop.</td>
<td>$90/$120</td>
</tr>
</tbody>
</table>

### Refresher Courses

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-3:15 pm</td>
<td>Pathophysiology and Anesthetic Implications of Mitochondrial Diseases – Allison Kinder Ross, MD</td>
<td>No Charge</td>
</tr>
<tr>
<td>3:15-4:00 pm</td>
<td>Evidence-based Management of Acute Intraoperative Emergencies in Children – Alan Schwartz, MD</td>
<td>No Charge</td>
</tr>
</tbody>
</table>
Objectives

Special Interest Group-Pediatric Pain

Medicine Objectives

Innovations in Long Acting Local Anesthetics
Charles B. Berde, MD, PhD
At the end of this presentation, the participant will be able to:
• Review recent clinical trials of novel prolonged duration local anesthetics
• Summarize some of the clinical opportunities and risk-benefit issues with novel local anesthetics
• Understand how novel local anesthetics might be studied and used in pediatric regional anesthesia

Adjuvants in Regional and Neuraxial Anesthesia: An Update
Corrie T.M. Anderson, MD
At the end of this presentation, the participant will be able to:
• Specify three reasons for utilizing local anesthetic adjuvants in regional anesthesiology practice
• Understand the basic pharmacology of two commonly used local anesthetic adjuvants
• Recognize the potential risks of employing local anesthetic adjuvants in their practice of regional anesthesiology

Utilization of -omics technologies to predict drug response for pain medication
Jeffrey L. Galinkin MD, FAAP
At the end of this presentation, the participant will be able to:
• Describe why looking simply at blood levels of drugs is not enough
• Examine -omic approaches to therapeutic monitoring of drugs
• Understand the utilization of existing -omic technologies to monitor therapeutic efficacy of pain therapies

Influence of Race and Ethnicity in Pediatric Pain
Nathalia Jimenez, MD
At the end of this presentation, the participant will be able to:
• Understand the racial and ethnic differences in the assessment and treatment of pain in children
• Recognize the role of cultural factors in pediatric pain management
• Understand racial and ethnic variability in genetic factors associated with pain sensitivity and opioid treatment

Pro/Con Debate: Are We Missing the Rave? Using Ketamine Routinely in the Operating Room
Pro - R. Scott Dingeman, MD
At the end of this presentation, the participant will be able to:
• Recognize the mechanism of action of ketamine as well as the common indications and uses in pediatric anesthesia
• Understand new evidence that suggests ketamine may reduce or even prevent primary and secondary hyperalgesia associated with postoperative pain
• Review recent evidence that ketamine has anti-inflammatory effects which may reduce the postoperative inflammatory reaction

Con - Stephen Robert Hays, MD, FAAP
At the end of this presentation, the participant will be able to:
• Review data suggesting potential risks and benefits of ketamine administration in the perioperative setting, particularly in children
• Discuss potential mechanisms of ketamine effects in the pediatric perioperative setting
• Reach informed individual conclusions regarding the role of routine perioperative ketamine administration in children

Expert Panel: Perspectives for Treating Pain in the Child with Cancer. A Case Based Discussion
The Allopathic Pain Specialist - Kenneth R. Goldschneider, MD, FAAP
The Integrative Physician - Yuan-Chi Lin, MD, MPH
The Psychologist - Tonya Palermo, PhD
At the end of this presentation, the participant will be able to:
• Understand the strengths and limits of pharmacologic treatment of pain in cancer
• Appreciate the unique role of local anesthetics and interventional management
• Evaluate the common complementary medical therapies
• Understand how to integrate allopathic and complementary medicine in pediatric cancer care

Neuropathic Pain: A Review
Giovanni Cucchiaro, MD
At the end of this presentation, the participant will be able to:
• Describe the definition and characteristics of neuropathic pain and how to clinically distinguish neuropathic pain from somatic pain
• Describe current thinking regarding the mechanisms of neuropathic pain, and what biological processes are thought to be involved in its maintenance
• Understand which drugs generally work and which do not work for neuropathic pain, know their NNTs, and learn what medications are in the pipeline for future treatment

Opioid Induced Hyperalgesia
Navil F. Sethna, MB, ChB
At the end of this presentation, the participant will be able to:
• Understand OIH, when does it occur (intra- or post-operatively) & what are the possible mechanisms (peripheral, central or both)
• Assess the contribution of surgical trauma in facilitation of OIH
• Examine the relationship of opioid-induced analgesic tolerance, OIH and neurotoxicity

Telemedicine in Pediatric Pain
Anjana Kundu, MBBS, MD
At the end of this presentation, the participant will be able to:
• Understand the structural components of telemedicine
• Understand role of telemedicine in pain management

Using the Internet to Enhance Access to Evidence-based Pediatric Pain Interventions
Tonya Palermo, PhD
At the end of this presentation, the participant will be able to:
• Identify evidence-based interventions for pediatric chronic pain management
• Assess the advantages of mobile technologies for improving access and delivery of evidence-based pain assessments and interventions
• Identify implementation and translation-into-practice challenges specific to eHealth pain intervention implementation

SPA/AAP Objectives

Friday, March 15, 2013:

SESSION I: ANESTHETIC CHALLENGES IN CHILDHOOD OBESITY

Anesthetic Challenges in Pediatric Obesity Surgery
Paul J. Samuels, MD
Upon completion of this session, the participant will be able to:
• Review the epidemiology of pediatric obesity
• Describe co-morbidities associated with pediatric obesity
• Discuss peri-operative anesthesia implications of childhood obesity

OSAS and Obesity: Diagnosis, Treatment, and Perioperative Care
Deborah A. Schwengel, MD
Upon completion of this session, the participant will be able to:
• Name the prevalence of both obesity and OSAS in the pediatric population and the risks of perioperative morbidity related to these disorders
• Relate the interactions between obesity and OSAS to cardiovascular disease and metabolic syndrome
• Discuss the implications of obesity and OSAS for perioperative care

OSAS and Obesity: Diagnosis, Treatment, and Perioperative Care
Deborah A. Schwengel, MD
Upon completion of this session, the participant will be able to:
• Name the prevalence of both obesity and OSAS in the pediatric population and the risks of perioperative morbidity related to these disorders
• Relate the interactions between obesity and OSAS to cardiovascular disease and metabolic syndrome
• Discuss the implications of obesity and OSAS for perioperative care
Objectives

Saturday, March 16, 2013

SESSION I: CORE LECTURES - FRONTIERS IN PEDIATRIC NEUROANESTHESIA: SEIZURES, SYNOSTOSIS, AND STIMULATION

Anesthetic Challenges of Intraoperative Brain Mapping in Children
Nicholas P. Carling, MD

Upon completion of this session, the participant will be able to:
- Identify the anesthetic challenges during procedures that require intraoperative brain mapping in the pediatric patient
- Name the anesthetic issues related to Deep Brain Stimulator (DBS) procedures in the pediatric patient
- Formulate anesthetic plans for both DBS and intraoperative brain mapping procedures

Perioperative Management of Craniosynostosis
Charles M. Haberkern, MD, MPH

Upon completion of this session, the participant will be able to:
- Recognize different types and etiologies of craniosynostosis
- Understand surgical approaches to repair of craniosynostosis
- Understand anesthetic considerations/concerns associated with repair of craniosynostosis

Intraoperative Neural Monitoring: SSEP/MEP/EMG
Tod Sloan, MD, PhD, MBA

Upon completion of this session, the participant will be able to:
- Understand the neural anatomy involved in the SSEP and MEP
- Understand the applications of SSEP, MEP, and EMG monitoring in spine surgery in children
- Recognize the basic differences in the SSEP and MEP monitoring between children and adults

SESSION III: AAP ASK THE EXPERTS PANEL

A P Ask the Experts Panel and Lunch

Anesthesia for Patients with Pulmonary Disease, Hepatic Disease, Disease and Renal Disease

Panelists:
- “Perioperative Implications of Pulmonary Disease” – Nancy Hagerman MD, Cincinnati Children’s Hospital
- “Anesthetic Implications of Hepatic Disease” – Christie Burnett-Yarnell MD, Arkansas Children’s Hospital
- “Anesthetic Implications of Renal Disease” - Priscilla J. Garcia MD, Texas Children’s Hospital

Upon completion of this session, the participant will be able to:
- Describe the importance of perioperative care
- Discuss the complications of advanced cirrhosis
- Identify the anesthetic challenges during procedures that require intraoperative brain mapping in the pediatric patient
- Recognize different types and etiologies of craniosynostosis
- Understand surgical approaches to repair of craniosynostosis
- Understand anesthetic considerations/concerns associated with repair of craniosynostosis
- Recognize the basic differences in the SSEP and MEP monitoring between children and adults

SESSION V: REFRESHER COURSE UPDATES

REFRESHER COURSE: Cardiomyopathy
Nina Deutsch, MD

Upon completion of this session, the participant will be able to:
- Identify unique ethical issues that arise in pediatric anesthesiology and critical care
- Develop a conceptual moral framework for analyzing ethical dilemmas
- Demonstrate the use of case discussions as a teaching tool

SESSION II: ETHICS IN PEDIATRIC ANESTHESIOLOGY

Ethical Dilemmas in Pediatric Anesthesiology - An Interactive Discussion
John Lantos, MD; Robert D. Truog, MD, MA, FCCM

Upon completion of this session, the participant will be able to:
- Recognize the basic epidemiology, causes and consequences of obesity in children and adolescents
- Understand key behavioral, social and policy strategies and opportunities to prevent and control childhood obesity

SESSION III: ROBERT M SMITH PRESENTATION

AAP Advocacy Lecture- Childhood Obesity
Thomas Robinson, MD

Upon completion of this session, the participant will be able to:
- Describe the anesthetic management of pediatric patients with cardiomyopathy
- Understand the increased risk that these patients present in the perioperative period
- Review opioid and non-opioid agents used via PCA
- Identify pitfalls associated with PCA use and strategies to mitigate risks from PCA

SESSION IV: SIMULATION IS IN YOUR FUTURE: THE MOCA EXPERIENCE

Crisis Resource Management, Simulation, MOCA and the Pediatric Anesthesiologist
Samuel Wald, MD; Anita Honkanen, MD

Upon completion of this session, the participant will be able to:
- Describe the important elements in crisis resource management
- Understand the rationale and role of simulation related to the American Board of Anesthesiology Maintenance of Certification in Anesthesiology
- Explain the components of teamwork and leadership related to time-sensitive patient care.
Objectives

SESSION IV: TECHNOLOGY AND PATIENT SAFETY
Understanding the Role of Technology in Patient Safety
Matthew Winger, MD
Upon completion of this session, the participant will be able to:
• Describe the role of human-technology interaction in the safe delivery of anesthesia
• Describe how human factors engineering contributes to the design of safer medical devices
• Explain how anesthesiologists can contribute to patient safety through wiser selection and use of medical devices

SESSION V: REFRESHER COURSE UPDATES
REFRESHER COURSE: Pathophysiology and Anesthetic Implications of Mitochondrial Diseases
Allison Kinder Ross, MD
Upon completion of this session, the participant will be able to:
• Recognize the different types of mitochondrial diseases and their various presentations and pathologies.
• Identify preoperative preparation guidelines for patients with mitochondrial disorders.
• Understand the history and changes in anesthetic intraoperative management in patients with mitochondrial disease.

REFRESHER COURSE: Evidence-based Management of Acute Intraoperative Emergencies in Children
Alan J. Schwartz, MD, MSED
Upon completion of this session, the participant will be able to:
• Identify the clinical presentation of acute anaphylaxis, pulmonary aspiration, reversal of fetal circulation and local anesthetic toxicity in pediatric patients undergoing anesthesia
• Develop a clinical management plan for these Acute Intraoperative Emergencies in Children

Sunday, March 17th, 2013
SESSION I: EDITORS BEST PICKS
Anesthesiology
J. Lance Lichtor, MD
Anesthesia and Analgesia
Peter J Davis, MD
Pediatric Anesthesia
Charles J. Cote, MD, FAAP
Upon completion of this session, the participant will have an understanding of:
• The history of and changes in anesthetic intraoperative management in patients with mitochondrial disease.

SESSION II: JEOPARDY
Moderator: Myron Yaster, MD
Upon completion of this session, the participant will have the opportunity to review current pediatric anesthesia practice in a game-show format.

Workshop Objectives

Return to the Future: Clinical Competence Committee 2.0
Samuel D. Yanofsky, MD, MSED; Julie J. Nyquist, PhD; Ira Todd Cohen, MD, MEd
By completion of the workshop the participants will be able to:
• Describe the role of the Clinical Competence Committee in learner evaluation
• List the factors that impact the reliability and validity of ratings and the performance review process
• Utilize psychometric inventories such as the Myers Briggs Type Indicator, the Thomas Kilmann Inventory on Conflict Management and an Emotional Intelligence Inventory in enhancing committee performance

Junior Faculty Workshop
Jerome Parness, MD, PhD
This workshop is designed for junior and mid-level faculty who are beginning an academic career or who simply wish to advance their knowledge of research methodology. Topics include, but are not limited to: research design, statistical methods, and grant writing.

Advanced Ultrasound Guided Regional Anesthesia
Santhanam Suresh, MD, FAAP; Amod Sawaredekar, MD; Adrian Bosenberg, MB, ChB, FFA; Arjunan Ganesh, MBBS; Per-Arne Lonnqvist, MD; Richard Elliott, MD; Robert W. Power, MD; Soen Flack, MBChB, FCA DA; Adam Weinger, MD
Upon completion of this workshop, the participant will have an understanding of:
• Basic functions of the US machine with particular attention to the US probes
• Machine settings for various age groups
• Anatomy using US guidance of all peripheral nerve blocks including upper and lower extremity, truncal and central neuraxial blocks, and
• Provide an instructional hands-on course with low faculty to attendee ratio to provide an understanding of how to scan and block most common peripheral/central neuraxial nerve blocks in children.

Financial Planning - Near Retirement
Charles P. Boinske, CFA
Upon completion of this workshop, the participant will be able to:
• Understand the key components of successful financial planning
• Plan for income needs in retirement
• Develop an action plan to address the planning issues that are important as you near retirement

Advanced Techniques for Peripheral Vascular Access
Gregory J. Scheurs, MD; Dawit T. Haile, MD; Scott D. Markowitz, MD, FAAP; Luis M. Zabala, MD; Steven W. Samoya, MD; Paul J. Fronapfel, MD; Andrea Dutoit, MD; Kendra Grim, MD
Upon completion of this workshop, the participant will be able to:
• Demonstrate and practice use of ultrasound to obtain peripheral venous access
• Demonstrate and practice the use of two types of intraosseous catheters to obtain emergent vascular access
• Identify the potential advantages of near infra-red technology to optimize peripheral venous access.

Advanced Ultrasound Guided Regional Anesthesia
Santhanam Suresh, MD, FAAP; Amod Sawaredekar, MD; Adrian Bosenberg, MB, ChB, FFA; Arjunan Ganesh, MBBS; Per-Arne Lonnqvist, MD; Tarun Bhalla, MD; Senthilkumar Sadasivan, MD, MPH; Susuma Ohkawa, MD; Navil F. Sethna, MD, ChB
Upon completion of this workshop, the participant will have an understanding of:
• Basic functions of the US machine with particular attention to the US probes
• Machine settings for various age groups
• Anatomy using US guidance of all peripheral nerve blocks including upper and lower extremity, truncal and central neuraxial blocks, and
• Provide an instructional hands-on course with low faculty to attendee ratio to provide an understanding of how to scan and block most common peripheral/central neuraxial nerve blocks in children.

Difficult Pediatric Airway
John Fidajoe, MD; David M. Polaner, MD, FAAP; Cheryl K. Gooden, MD, FAAP; Narasimhan Jagannathan, MD; Todd J. Kilbaugh, MD; Pete G. Kovatsis, MD; John J. McCloskey, MD; Patrick N. Olomu, MD, FRCA; Paul A. Stricker, MD; Peter Szmuk, MD; Judit Szolnocki, MD; Amish Patel, MD; Agnes I Hunyadi, MD; Maria Matusczak, MD
Upon completion of this workshop, the participant will gain:
• An understanding of situations in which alternative methods of securing the airway may be necessary
• An understanding of the development of a systematic anatomic and physiologic approach to the assessment of the difficult airway and to planning airway management
• An understanding of the availability of new devices and technologies for securing the airway and what their indications and limitations are, and
• Hands on experience with these devices.
Financial Planning - Early Career
Charles P. Boinske, CFA
Upon completion of this workshop, the participant will be able to:
• Understand the key components of successful financial planning
• Avoid the five most common financial planning mistakes
• Develop an action plan to make sure all financial planning issues are ad-ressed

Acupuncture
Yuan-Chi Lin, MD, MPH; Brenda Goliou, MD; Rosalie Tassone, MD, MPH; Cynthia Tung, MD, MPH; Shu-Ming Wang, MD
Upon completion of this workshop, participants will have:
• Enhanced knowledge of acupuncture
• Opportunity to integrate acupuncture for the practice of pediatric anesthesia and pain medicine
• Learned the history and theory of acupuncture
• Understand scientific evidence of acupuncture practice
• Evaluate acupuncture micro-system paradigms; incorporate acupuncture in peri-operative, pediatric anesthesia, and pain practice
• Participate in hands-on demonstration of acupuncture and related techniques.

Challenging Situations During Mission Anesthesia
George D. Politis, MD, MPH; Quentin A. Fisher, MD, FAAP
Upon completion of this workshop, the participant will be able to:
• Understand how to manage difficult situation that arise in the course of performing anesthesia in the “mission” environment
• Discuss patient and surgical criteria that may lead to difficult situations during short-term surgical projects.
• Understand differences between conducting anesthesia during disaster relief versus during scheduled short-term surgical projects.

Giving Feedback
Jayant K. Deshpande MD, MPH, FAAP; Sally Bitzer MD; Jessica George MD
Upon completion of this workshop, the participant will be able to:
• Identify the elements of effective feedback (for trainees, for colleagues)
• Understand the optimum settings to provide feedback
• Practice giving feedback using case-based scenarios

How to Design and Moderate an Effective PBLD
Kirk Lalwani, MD, FRCA, MCR; Nancy L. Glass, MD, MBA, FAAP
At the end of this two-hour workshop, participants will be able to:
• State the rationale for case-based group learning
• Recognize the characteristics of a case suitable for discussion
• Be able to differentiate between a case appropriate for a Medically Challenging Case and a PBLD
• Take a brief stem and develop a PBLD suitable for the designated audience
• Compile a set of Best Practices for leading an inclusive, robust discussion

Investigating Adverse Events
Matthew Weinger, MD; Neal Campbell, MD; Eugenie S. Heitmiller, MD, FAAP; Donald C. Tyler, MD, MBA; Tetsu Uejima, MD
Upon completion of this workshop, learners will be able to:
• Explain the systems view of adverse event etiology
• Describe the basic methods and rationale for performing a post-event analysis
• Conduct an effective event analysis on a simulated case
• Describe the relative strengths and weaknesses of different types of event mitigation interventions

Single Lung Workshop
Gregory B. Hammer, MD; Dinesh Choudhry, MD, DA, FRCA; RJ Ramamurthi, MD, FRCA; Julie Williamson, DO; Christian Seefelder, MD; B. Randall Brenn, MD; Divya Dixit, MD; Harry Bonet, MD
Upon completion of this workshop, the participant will:
• Understand the risks of SLV
• Be familiar with the benefits of SLV
• Know the advantages and disadvantages of the 3 general methods of SLV

Art of Scientific Writing
Jerrold Lerman MD, FRCP
Upon completion of this workshop, the participant will:
• Understand the building blocks that make clear and concise writing
• Understand the elements that create readable, understandable and unambiguous manuscripts
• Appreciate what editors look for in a manuscript to view the submission favorably; to recognize the utility of plagiarism software

Echo: Basic and Advanced
James A. DiNardo, MD; Thomas M. Burch, MD; Wanda C. Miller-Hance, MD
Upon completion of these workshops, the participant will understand the mechanics of conducting a basic TEE exam, and will have learned the principles necessary to conduct a comprehensive exam in patients with complex congenital heart disease.

Epidemiology
Thomas R. Vetter, MD, MPH
Upon completion of this workshop, the participant will understand:
• The practical basics of biostatistics, including sample size, power analysis, effect size, and confidence intervals
• The practical basics of clinical epidemiology
• The sources of bias in study design
• The concept of confounding in study design
• The various methods used to identify and control bias and confounding, including regression modeling and propensity scores
• The readily available, user-friendly biostatistics and epidemiology software options for the clinical researcher

PBLD Objectives
Problem-based learning discussions will offer the opportunity for group discussion with faculty and other attendees of common clinical problems. The format will highlight aspects of clinical decision-making including preoperative evaluation and preparation, anesthetic induction and intra-operative management and possible intra- and postoperative pain and other management dilemmas.
INTENSIVE REVIEW OF PEDIATRIC ANESTHESIA
May 17-19, 2013 Westin DFW • Dallas, TX
OR August 23-25, 2013 Embassy Suites O’Hare • Rosemont, IL

A three-day course designed for the anesthesiologist seeking a comprehensive review of Pediatric Anesthesiology!

For more details and registration information please visit www.pedsanesthesia.org

INFORMATION @ WWW.PEDSANESTHESIA.ORG!
PEDIATRIC ANESTHESIOLOGY

March 14 - 17, 2013
Red Rock Casino, Resort & Spa Las Vegas, NV

A meeting co-sponsored by the Society for Pediatric Anesthesia and the American Academy of Pediatrics Section on Anesthesiology and Pain Medicine

Society for Pediatric Anesthesia
education • research • patient safety

American Academy of Pediatrics