





Join us for our 25th Anniversary Gala at the Chicago Yacht Club!



WELCOME!

Welcome to my hometown, Chicago, the Windy City, for the 25th Annual Meeting of the Society of Pediatric Anesthesia. This year our society turns 25 years old, and our meeting will celebrate this milestone. The meeting will be held at the Hyatt Regency McCormick Place, which is close to many Chicago area attractions – Navy Pier, Buckingham Fountain, Millennium and Grant Parks, fabulous shopping on the "Magnificent Mile" and the renowned Museum Campus that includes the Shedd Aquarium, the Adler Planetarium and the Field Museum. The hotel is also connected via a skybridge to McCormick Place Convention Center.

– Wendy Binstock, MD Annual Meeting Program Chair

Purpose

The SPA Education Committee has put together an outstanding program, and we have developed new formats based on suggestions from our members who have attended previous meetings. One new feature, "Round Table Discussions" at lunch will be a lively PBLD style session that will include a "pioneer or legend" from the field of pediatric anesthesia at every table. Overall, the program will focus on more interactive sessions with less of an emphasis on the straight lecture style. The theme for this year's meeting is *The Past, Present and Future of Pediatric Anesthesia*.

Program Description

The morning session will begin with a brief overview of an exciting project that is currently in the process of documenting the past 25 years of Pediatric Anesthesia: "Pioneers in Pediatric Anesthesia." This will lead to the first scientific session on the past, present and the future of anesthesia for pediatric transplantation. The second morning session will feature a new format – a live debate on the state of electronic medical records, and finally the morning will conclude with the keynote presentation: "The Future is here: Pharmacogenetics."

Another format change will occur at the lunch session, which will feature "Round Table Discussions." Each lunch table will feature a "legend or pioneer" in pediatric anesthesia and a specific topic. Also assigned to each table will be a current leader in the field and a more junior member of our society, who will jointly prepare and present a case for the lunch time discussion. This format affords our members a golden opportunity to learn from the pioneers who have shaped the field of pediatric anesthesia into what it is today, and also from the current and future leaders who will influence the arena of pediatric anesthesia into what it will be for tomorrow and beyond.

Following our lively discussion at the lunch tables, the afternoon session will begin with a panel on "Anesthesia for the Neonate – Then and Now." Our attendees will get to hear from such legends as George Gregory M.D. on "The Past" when the only options available were Ether, Pancuronium and Oxygen. This will lead to present day research that is focusing on the neurotoxic effects of inhalational agents on the developing brain, and then to the future and new agents on the horizon.

Since anesthesiologists have always been leaders in the field of patient safety and innovators with monitoring techniques, our next session will focus on "Monitoring in Pediatric Anesthesia – Yesterday, Today and Tomorrow." We will hear from people who were instrumental in the development of pulse oximetry to those who are on the cutting edge of the future of brain monitoring. The final session of this "historic" day will be a panel of legends in our field presenting their favorite story in pediatric anesthesia. These pioneers will enlighten and wow our audience with cases from their careers that influenced their fields of research and the evolution of pediatric anesthesia. This session should provide a wonderful time for a walk down memory lane!

As this meeting marks the beginning of a year-long celebration of the 25th

anniversary of the Society for Pediatric Anesthesia, we will end our day with a 25th Anniversary Gala at the Chicago Yacht Club. The Chicago Yacht Club is one of the oldest and most respected yacht clubs in the world. This venue is poised on a spot of land with the beauty of the world-class Chicago skyline on one side, and the majesty of Lake Michigan on the other. The Chicago Yacht Club is adjacent to Chicago's Loop, and is at the very center of the lakefront cultural, educational, and sporting activities. With views of the skyline, harbor, and Grant Park The Chicago Yacht Club will offer a spectacular setting for our 25th Anniversary Gala. And you won't want to miss the live entertainment by The Voltage Brothers!

Education Mission Statement

The Annual Meeting will focus on several areas of pediatric anesthesia and healthcare delivery. The overall goals for attendees of this program are to enhance their existing fund of knowledge and introduce them to new stateof-the-art issues that may affect their practice, thereby increasing their ability to provide the highest possible quality of care.

Target Audience

The program is intended for anesthesiologists and other practitioners who care for children in their practice of anesthesiology and/or critical care medicine. It is also intended for clinical and basic science researchers whose areas of investigation relate to pediatric anesthesia/critical care, as well as physicians and healthcare providers interested in learning more about the practice of pediatric anesthesia.

CME Credits

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 6.5 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

We look forward to your active participation in the meeting sessions and request that you provide valuable feedback by completing evaluations and comments.

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 24, 2011.

SPA 25th Annual Meeting Program

October 14, 2011 • Hyatt Regency McCormick Place • Chicago, IL

The Past. Present and Future of Pediatric Anesthesia 6:30 am Registration 7:00 – 7:45am Continental Breakfast with Exhibitors 7:45 – 7:55 am Introduction and Welcome Lynn Martin, MD, FAAP, MBA and Wendy Binstock, MD 7:55 – 8: 15 am Introduction to the "Pioneers in Pediatric Anesthesia" Christine Mai. MD 8:15 – 9:45 am Pediatric Transplantation – Where have we been, and where are we going? Moderator - Anne M. Lvnn. MD a. Pediatric Cardiac Transplantation - From Vision to Reality - Linda J. Mason, MD b. Pediatric Pulmonary Transplantation: An Inspiration? - Stuart R. Hall, MD c. Liver Transplantation – Peter J. Davis, MD d. Questions & Discussion 9:45 – 10:15 am Break with Exhibitors 10:15 – 11:45 am The Future is Here! Moderator: Jerrold Lerman, MD - DEBATE - Then and Now: The State of Electronic Medical Records Mohamed A. Rehman, MD and Marc J. Bloom. MD, PhD - Pharmacogenetics Where Will This Take Us? - Steven Shafer, MD a. Questions and Discussion b. 11:45 am – 1:30pm Lunch – Round Table Discussions (non CME) Choose a topic and join in PBLD-style discussions with pioneers, experts and colleagues. Pediatric Cardiac Surgery Pediatric Airway Management • Pediatric Pain Pediatric Ambulatory and/or Sedation Procedures Pediatric Neurosurgery Pediatric ICU/NICU/Emergencies/Transport 1:30 – 3:00 pm Panel on Anesthesia for the Neonate: Yesterday, Today and Tomorrow: Paralysis to Toxicity Moderator: Catherine R. Bachman, MD a. The Past i. Ether, Pancuronium and Oxygen – George Gregory, MD b. The Present i. Inhalational - Neurotoxicity - Sol Soriano, MD ii. Opioids – Myron Yaster MD c. The Future i. New Agents: Safe and effective alternatives for sedation and general anesthesia in neonates - Mervyn Maze, MB, ChB 3:00 – 3:30 pm Break with Exhibitors 3:30 – 4:15 pm Monitoring in Pediatric Anesthesia – Then and Now Moderator: Nina A. Guzzetta, MD a. The Pulse Oximetry Revolution - Randall Wetzel, MD b. NIRS and Venous-side Monitoring of the Circulation - George Hoffman, MD c. Questions & Discussion 4:15 – 5:15 pm Panel of the Pioneers - My Favorite Story Moderator: Christine Mai, MD

7:00 – 11:00 pm 25th Anniversary Gala Celebration Chicago Yacht Club • Live entertainment by The Voltage Brothers

Faculty

Catherine R. Bachman, MD

University of Chicago Hospitals Chicago, IL

Marc J. Bloom. MD, PhD NYU Medical Center New York, NY

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

George A. Gregory, MD, FAAP University of California San Francisco San Franciso, CA

Nina A. Guzzetta, MD Emory University Atlanta, GA

Stuart R. Hall, MD Texas Children's Hospital Houston, TX

George M. Hoffman, MD Children's Hospital of Wisconsin Milwaukee, WI

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

Anne M. Lynn, MD Seattle Children's Hospital Seattle, WA

Christine Mai, MD Massachusetts General Hospital Boston, MA

Linda J. Mason, MD Loma Linda University Medical Center Loma Linda, CA

Mervyn Maze, MB, ChB University of California San Francisco San Franciso, CA

Mohamed Rehman, MD The Children's Hospital of Philadelphia Philadelphia, PA

Steven Shafer, MD Columbia University Medical Center New York, NY

Sulpicio G. Soriano III, MD, FAAP Children's Hospital Boston Boston, MA

Randall Wetzel, MD Children's Hospital of Los Angeles Los Angeles, CA

Myron Yaster, MD, FAAP Johns Hopkins Hospital Baltimore, MD

Lunch Discussion: Pioneers & Discussion Leaders

PIONEERS-

J, Michael Badgwell, MD, FAAP Nevada City, CA

Charles B. Berde, MD, PhD Children's Hospital of Boston Boston, MA

Frederic A. Berry, MD University of Virginia Charlottesville, VA

D. Ryan Cook, MD Pittsburgh, PA

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

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

Burton S. Epstein, MD George Washington University Washington, DC

Robert H. Friesen, MD The Children's Hospital Aurora, CO

DISCUSSION LEADERS-

Michael A. Acquaviva, MD Riley Hospital for Children Indianapolis, IN

Rita Agarwal, MD, FAAP The Children's Hospital Denver, CO

Zulfigar Ahmed, MB, BS, FAAP Children's Hospital of Michigan Detroit, MI

Tony Anderson, MD Massachusetts General Hospital Boston, MA

Catherine R. Bachman, MD University of Chicago Hospitals Chicago, IL

Anne G. Bailey, MD University of North Carolina Chapel Hill, NC

Carolyn Bannister, MD, FAAP Children's Healthcare of Atlanta Atlanta, GA

Patrick K. Birmingham, MD Children's Memorial Hospital Chicago, IL

Kenneth M. Brady, MD Texas Children's Hospital Houston, TX

James Chen, MD B.C. Children's Hospital Vancouver, BC

Smokey J. Clay, MD Cincinnati Children's Hospital Cincinnati. OH

Andrew T. Costarino Jr., MD Alfred I. DuPont Hospital for Children Wilmington, DE

Joseph P. Cravero, MD, FAAP Dartmouth-Hitchcock Med Center Lebanon, NH

Eric B. Furman, MD, MS Los Angeles Children's Hospital Los Angeles, CA

Nishan Goudsouzian, MD Massachusetts General Hospital Boston, MA

Shirley Graves, MD University of Florida College of Medicine Gainesville, FL

William J. Greeley, MD, MBA Children's Hospital of Philadelphia Philadelphia, PA

George A. Gregory, MD, FAAP University of California San Francisco San Franciso, CA

Juan F. Gutierrez-Mazorra Children's Hospital of Alabama Birmingham, AL

Palo Alto, CA Steven C. Hall, MD Children's Memorial Hospital Chicago, IL

Alvin Hackel, MD, FAAP

Stanford University

Suanne M. Daves, MD

Arkansas Children's Hospital

Radhika Dinavahi, MD

Lucinda L. Everett, MD

Massachusetts General Hospital

Columbia University

Debra Faulk, MD

The Children's Hospital

Allison Fernandez, MD

Randall P. Flick, MD, MPH, FAAP

Johns Hopkins University

Chris D. Glover, MD

Texas Children's Hospital

Mona S. Goldfine, MD

Dawit T. Haile, MD

Children's Hospital Oakland

Gregory B. Hammer, MD

Medical University of South Carolina

Eugenie S. Heitmiller, MD, FAAP

Nashville, TN

Little Rock AR

New York, NY

Boston, MA

Denver, CO

Baltimore, MD

Mayo Clinic

Houston, TX

Oakland, CA

Mayo Clinic

Stanford, CA

Charleston, SC

Baltimore, MD

Rochester, MN

Stanford University

Marc Hassid, MD

Johns Hopkins University

Rochester, MN

Vanderbilt University Medical Center

Javant K. Deshpande, MD, MPH

Michael Hernandez, MD University of Chicago Hospitals Chicago, IL

Zeev N. Kain, MD, MBA University Children's Hospital Orange, CA

Nicholette Kasman, MD Children's Hospital Oakland Oakland, CA

Lynn D. Martin, MD, FAAP, MBA Seattle Children's Hospital Seattle, WA

Linda J. Mason, MD Loma Linda University Medical Center Loma Linda, CA

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

Janey P. McGee, MD University of North Carolina Chapel Hill, NC

Francis X. McGowan, Jr., MD Medical University of South Carolina Charleston, SC

Christopher T. McKee, DO Nationwide Children's Hospital Columbus, OH

William L. McNiece, MD Riley Hospital for Children Indianapolis, IN

Arthura D. Moore, MD Arkansas Children's Hospital Little Rock, AR

Julie J. Niezgoda, MD Cleveland Clinic Foundation Cleveland, OH

Sara Pittenger, MD University of North Carolina Chapel Hill, NC

Raafat S. Hannallah, MD Children's National Medical Center Washington, DC

Dolly D. Hansen, MD, FAAP Boston Children's Hospital Boston, MA Babu V. Koka, MBBS

Children's Hospital of Boston Boston, MA

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

Charles H. Lockhart, MD The Children's Hospital Denver, CO

Anne M. Lynn, MD Seattle Children's Hospital Seattle, WA

Shobha Malviya, MD University of Michigan Health Systems Ann Arbor, MI

Aubrey Maze, MD Phoenix Children's Hospital Phoenix, AZ

> George D. Politis, MD, MPH University of Virginia Health System Charlottesville, VA

Radhamangalam J. Ramamurthi, MD, FRCA Stanford University Stanford, CA

Joana Ratsiu, MD Loma Linda University Medical Center Loma Linda, CA

Shelly-Anne Rodriguez, MD **Cleveland Clinic Foundation** Cleveland, OH

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

Jamie Schwartz. MD Johns Hopkins University Baltimore, MD

Deborah A. Schwengel, MD Johns Hopkins University Baltimore, MD

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

Kenneth S. Stewart, DO Emory University Atlanta, GA

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

Suzanne Strom, MD University Children's Hospital Orange, CA

Jennifer Lee-Summers, MD Johns Hopkins University Baltimore, MD

Lena S. Sun, MD Columbia University New York, NY

Russell C. Raphaely, MD Nemours Cardiac Clinic

Boston Children's Hospital

Cincinnati Children's Hospital Cincinnati, OH

Children's Hospital of Los Angeles Los Angeles, CA

> Santhanam Suresh, MD, FAAP Children's Memorial Hospital Chicago, IL

Suresh T. Thomas. MD Children's Hospital of Michigan Detroit MI

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

Joseph R. Tobin, MD, FAAP, FCCM Wake Forest University School of Medicine Winston-Salem, NC

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

Erin S. Williams, MD Texas Children's Hospital Houston TX

Maria M. Zestos. MD Children's Hospital of Michigan Detroit. MI

Please visit **www.pedsanesthesia.org** for a complete and current list of Pioneers and Discussion Leaders.

Wilmington, DE

Mark A. Rockoff, MD Boston, MA

Mark Rogers, MD Miami, FL

John F. Ryan, MD, FAAP Massachusetts General Hospital Boston, MA

Theodore W. Striker, MD

Randall C. Wetzel, MBBS, FAAP

Myron Yaster, MD, FAAP Johns Hopkins Hospital Baltimore, MD

Objectives

Introduction to the "Pioneers in Pediatric Anesthesia"

Christine Mai, MD

- Articulate the history of Pediatric Anesthesia
- List the key contributors to the field of Pediatric Anesthesia
- Identify the issues and challenges that occured during the formation of the field of Pediatric Anesthesia

Pediatric Transplantation – Where have we been, and where are we going?

Pediatric Cardiac Transplantation - From Vision to Reality

Linda J. Mason, MD

- Understand the history of pediatric cardiac transplantation
- Understand the differences in physiology of a pediatric patient post cardiac transplant
- Learn the implications of immunosuppressive therapy in pediatric patients post transplant as it relates to anesthetic care

Pediatric Pulmonary Transplantation: An Inspiration?

Stuart Hall, MD

- Trace the history of pulmonary transplantation in the pediatric population
- Recognize the specific contributions of pediatric anesthesiology to outcomes in these patients

Liver Transplantation

Peter J. Davis, MD

- Understand the pathophysiology of the surgical procedure of patients undergoing liver transplantation
- Describe the differences in the surgical procedure as it has evolved over time
- Describe the changes in medical/surgical therapy and their impact ٠ on patient and graft survival

The Future is Here!

DEBATE – Then and Now: The State of Electronic Medical Records Mohamed A. Rehman. MD

- Understand the anatomy of AIMS (Anesthesia Information Systems)
- Understand the utilization of AIMS data
- Understand the multi-center approach to AIMS data

Marc J. Bloom. MD. PhD

- Understand the reasons why departments continue to use paper records
- Delineate the forces that are driving the replacement of paper records.
- Present reasons why paper records cannot remain the status quo.

Pharmacogenetics: Where Will This Take Us?

Steven Shafer, MD

- Understand the genetic component of atypical responses to anesthetic drugs.
- Understand the types of genetic information that will soon be available on patients presenting for surgery
- Understand how murine pharmacogenomics is opening new doors in understanding human biology

Panel on Anesthesia for the Neonate – Yesterday, Today and Tomorrow: Paralysis to Toxicity

The Past: Ether, Pancuronium and Oxygen

George Gregory, MD

- Understand the basis of modern anesthesia
- Recall how care then transitioned to present day care
- Discuss the history of some anesthetic drugs and anesthesia care.

The Present: Inhalational - Neurotoxicity

Sol Soriano, MD

- Understand the sentinel laboratory reports that are the basis of anesthetic-induced developmental neurotoxicity
- Determine if the laboratory findings can be extrapolated to the care of pediatric patients.

The Present: Opioids

Myron Yaster MD

- Understand the neurobiology and neurophysiology of pain in the newborn
- Understand the use of opioids, local anesthetics, and vapors alone in combination in newborn anesthesia

The Future: Safe and Effective Alternatives for Sedation and General Anesthesia in Neonates

Mervyn Maze, MB, ChB

- Understand mechanism and uses for sedative properties of dexmedetomidine
- Understand mechanism and uses for xenon anesthesia

Monitoring in Pediatric Anesthesia – Then and Now

The Pulse Oximetry Revolution

Randall Wetzel. MD

 Understand the intellectual processes that lead to the widespread application of pulse oximetry

NIRS and Venous-side Monitoring of the Circulation

George Hoffman, MD

- Understand the rationale
- Understand the technology
- Gain a framework for understanding application of current and • future technology

Panel of the Pioneers - My Favorite Story

Christine Mai. MD

- Understand of the history of pediatric anesthesia from the standpoint of some of the pioneers who contributed to the creation of the field
- List some of the key contributors to the formation of the field of Pediatric Anesthesia
- Identify the issues and challenges that occured during the creation of the subspecialty





October 14, 2011 • Hyatt Regency McCormick Place • Chicago, IL

SCIENTIFIC PROGRAM REGISTRATION FORM

REMEMBER: You can register for the meeting and see program updates online at **www.pedsanesthesia.org**

First Name	Last Name:	Degree
Address (Check Preference): Home Business _		
City / State / Zip		
Home Phone () Fax ()	Business Telephone()
Email*		Hospital Affiliation
*E-mail required for registration confirmation		

Registration fees include meeting syllabus on flash drive, continental breakfast, luncheon discussions, breaks and one ticket to the SPA 25th Anniversary Gala. Additional tickets for the Gala may be purchased below.

	Through Sept. 24	After Sept. 24	
SPA members, including resident and fellow members	\$300	\$350	\$
Non-SPA members (U.S. or Canada)	\$475	\$400	\$
International non-member	\$350		\$
Allied Health	\$275		\$
Student Nurse Anesthetist	\$275	\$325	\$
Extra (for guests) SPA 25th Anniversary Gala tickets	N/A	N/A	\$ <u>SOLD_OUT</u>
Patient Safety Fund donation			¢
SPA is an Internal Revenue Code Section 501(c) 3 organization. D	Donations are tax deductible as all	lowed by law. Contributions will be acki	nowledged. Total: \$
SPA is an Internal Revenue Code Section 501(c) 3 organization. D Please choose your first, second and third choice o 1 • 2 • 3 Pediatric Cardiac Surgery	Donations are tax deductible as all	lowed by law. Contributions will be acki	nowledged. Total: \$ CME
SPA is an Internal Revenue Code Section 501(c) 3 organization. D Please choose your first, second and third choice o	Donations are tax deductible as all of lunch roundtable discus 1 • 2 • 3	lowed by law. Contributions will be acki ssion topics (No charge) - <mark>Non</mark> -	nowledged. Total: \$ CME

Check here for open seating (No discussion topic). Space is limited. Not all attendees will be assigned to a discussion topic.

Maintenance of Certification in Anesthesiology (MOCA): SPA members who provide their ABA numbers will automatically have the credits forwarded to the ABA. ABA #:

Payment

Check enclosed	🗖 Visa	Mastercard	🗖 AmEx	🗖 Discover			
Card No					_ CVV Code:	Exp. Date	
Signature	Printed Name on Card						
Credit Card Billing Address:			Credit Card Zip Code:				

Refund Policy: Full refund less \$50 administrative fee through September 2, 2011; 50% refund September 3 - September 24, 2011; No refunds after September 24, 2011. Refunds determined by date written cancellation is received.

Make checks payable to the Society for Pediatric Anesthesia and mail to: Society for Pediatric Anesthesia, 2209 Dickens Rd., Richmond, Virginia 23230-2005

Phone (804) 282-9780 • Fax (804) 282-0090 • Email spa@societyhq.com • www.pedsanesthesia.org

Hotel/Lodging Information

The 2011 Annual Meeting will be held at the Hyatt Regency McCormick Place in Chicago. 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.



25TH ANNIVERSARY

education • research • patient safety



7:00 - 11:00 pm October 14, 2011 At the Chicago Yacht Club



All meeting attendees receive one ticket to the 25th Anniversary Gala with their registration. Additional tickets may be purchased for \$75 (\$100 after 9/24/11) each.

Entertainment by The Voltage Brothers-



Electric is the first word that jumps to mind when describing The Voltage Brothers. America's Number One Show Band has been creating heart-stopping, high voltage music since 1969, and nobody can watch them sing, dance and play without jumping out of their seats to join in the fun.

From Classic Rock to Swing, and everything in between, including Carolina Beach music, Disco, Funk, Hip Hop, Jazz, Motown, Pop and Rhythm & Blues, The Voltage Brothers can cover virtually any sound.

They performed at nine straight Super Bowls from 1991 to 1999. They were special guest artists at the 1993 President's Dinner in Washington, D.C., the Presidential Inaugurations of 2001 and 2005, and the 1996 Summer Olympic Games. The venue and show bills alone are testament to their versatility and broad appeal.

Thank you to our Gala Planning Committee: Wendy B. Binstock, MD; Nancy L. Glass, MD, MBA, FAAP; Stewart Hinckley; Anne M. Lynn, MD; Shobha Malviya, MD, FAAP; Lynn D. Martin, MD, FAAP, MBA; Aubrey Maze, MD; Francis X. McGowan, Jr., MD; David Selig, JD; Joseph R. Tobin, MD, FAAP, FCCM; and Myron Yaster, MD



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February 23-26, 2012

Marriott Tampa Waterside Tampa, Florida



American Academy of Pediatrics

