29th Annual Conference
Challenges for Clinicians
December 4–6, 2015

The Drake Hotel
Chicago, Illinois

Conference Directors:
Jeffrey L. Apfelbaum, MD
Avery Tung, MD, FCCM

Join us for an Optional MOCA Training Session
Friday, December 3rd

This activity has been approved for
AMA PRA Category 1 Credit™

Register online at: cme.uchicago.edu
Conference Faculty

**Guest Faculty**

**Sachin Kheterpal, MD**  
Associate Professor of Anesthesiology  
University of Michigan  
Ann Arbor, MI

**Lisa Leffert, MD**  
Associate Professor  
Vice Chair, Faculty Development  
Chief, Division of Obstetric Anesthesia  
Massachusetts General Hospital  
Boston, MA

**Jeffery S. Vender, MD FCCM, FCCP, MBA**  
Harris Family Foundation Chairman  
Department of Anesthesia Critical Care Services Vice President  
North Shore University Health System Clinical Professor  
Anesthesia University of Chicago Pritzker School of Medicine

**Sulpicio Soriano, MD**  
Professor of Anesthesia  
BCH Endowed Chair in Pediatric Neuroanesthesia  
Senior Associate in Perioperative Anesthesia  
Children's Hospital Boston  
Boston, MA

**Asokar Buvanendran, MD**  
Professor of Anesthesia  
Rush University Medical Center  
Chicago, IL

**University of Chicago Faculty - Department of Anesthesia and Critical Care**

**Jennifer Banayan, MD**  
Assistant Professor

**Wendy Binstock, MD**  
Associate Professor

**Ellen Choi, MD**  
Assistant Professor

**Richard Dutton, MD, MBA**  
Clinical Associate

**Dalia Elmofty, MD**  
Assistant Professor

**Rebecca Gerlach, MD**  
Assistant Professor

**David Glick, MD,MBA**  
Professor  
Medical Director, Post Anesthesia Care Unit

**Ori Gottlieb, MD**  
Associate Professor

**Mohammed Minhaj, MD, MBA**  
Associate Professor  
Associate Chair of Junior Faculty Development & Business Affairs

**Mark Nunnally, MD, FCCM**  
Professor

**Michael O’Connor, MD, FCCM**  
Professor  
Section Head, Critical Care Medicine

**J. Devin Roberts, MD**  
Assistant Professor

**Keith Ruskin, MD**  
Professor

**Sajid Shahul, MD, MPH**  
Associate Professor

**Michael Woo, MD**  
Assistant Professor

**Conference Co-Chairs**

**Jeffrey L. Apfelbaum, MD**  
Professor & Chair of Anesthesia and Critical Care  
Department of Anesthesia and Critical Care

**Avery Tung, MD, FCCM**  
Professor and Quality Chief for Anesthesia  
Director of Critical Care Services, Burn Unit  
Department of Anesthesia and Critical Care

**Faculty Disclosure**

It is the policy of The University of Chicago to ensure balance, independence, objectivity, and scientific rigor in all its individually sponsored or jointly sponsored educational activities. Individuals who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Mechanisms to ensure that presentations are free from commercial bias are in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Full disclosure of this information will be published in the activity materials.
The evolving landscape of perioperative medicine has dramatically increased the scope and complexity of anesthesia care. New techniques, new drugs, new evidence, quality and safety concerns all play a role in today's practice environment. This conference will focus on areas of anesthetic care that require integrating these new aspects of medical care. Increasingly, we need to know not only whether techniques are effective, but also high quality, safe, evidence-based, and cost effective.

**Learning Objectives**

At the conclusion of this educational activity, participants will be able to:

- Identify the effect of revolutionary changes in health care on anesthesia practice;
- Use new techniques, drugs and monitors;
- Incorporate these new tools into practice in the changing environment.

**Target Audience**

The target audience includes Anesthesiologists, Certified Registered Nurse Anesthetists and other clinicians and health care professionals working with a variety of patients and practice settings.

**Accreditation and Credit Designation**

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**General Sessions**

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 14 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**PBLDs**

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 6 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Ultrasound**

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 4 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by the ACCME, please consult your professional licensing board.

**Educational Grants and Commercial Support**

A complete listing of commercial support received will be provided in the conference materials.

**Optional Afternoon Workshop:** Friday, December 4th and Saturday, December 5th

**Problem Based Learning Discussions (PBLD)**

These one hour small-group, case-based, active learning sessions use specific case scenarios to address a wide selection of anesthesia topics. The format involves a faculty facilitator and up to 12 participants per session. Specific case information and selected readings are provided in advance to participants, who arrive at the session ready to participate actively. We have chosen six of our most popular teachers to serve as facilitators, each on a topic in their own specialty.

**Price:** $55.00 per session. Each session will be strictly limited to a maximum of 12 participants. Participants may register for multiple PBLD sessions. Each session is equal to 1 credit hour.

**Friday, December 4th**

- Session 1: Obstetric Anesthesia, Jennifer Banayan, MD
- Session 2: Troubleshooting Regional Anesthesia, Dalia Elmofty, MD
- Session 3: The Electronic Medical Record, Ori Gottlieb, MD

**Saturday, December 5th**

- Session 4: The Pediatric Patient, Wendy Binstock, MD
- Session 5: Difficult Airway Solutions, David Glick, MD, MBA
- Session 6: Cardiac Anesthesia, Rebecca Gerlach, MD

**Ultrasound Workshop: Saturday, December 5th, 12:30 pm–4:30 pm**

Once again, we are offering a Regional Anesthesia with Ultrasound Applications Workshop led by Micheal Woo, MD and DACC Faculty. This hands-on workshop is open to all registered participants for an additional fee of $275. This session is equal to 4 credit hours. *Lunch will be provided for all optional workshop participants.*
Come and Enjoy the Holiday Season in Chicago!

The conference sessions will be held at The Drake Hotel, one of Chicago’s finest hotels, located on Michigan Avenue, the “Magnificent Mile.” A block of rooms has been reserved at The Drake and we are pleased to offer our special discounted rate of $229 for single or double room occupancy.

To reserve your room at The Drake Hotel, please visit their website at: https://resweb.passkey.com/Resweb.do?mode=welcome_gi_new&groupID=51584400

or you may call the hotel directly at 1-800-HILTONS indicating you are attending The University of Chicago Anesthesia Critical Care Conference.

Room reservations must be made by November 13, 2015 to guarantee the reduced rate. The hotel requires a first night’s deposit at the time of reservation, which is refundable up to 72 hours in advance of conference date. Check-in time is 3 pm and check-out time is 12 pm. In the event a check-out occurs prior to the reserved check-out date, the hotel will add an early check-out fee equal to one night room and tax. To avoid this fee, please advise the hotel at or before check-in of any change in planned length of stay.

Due to the annual meeting of the Radiological Society, we strongly recommend you make your reservations early, as hotels in Chicago will be sold out.

Chicago is truly a city with something for everyone!

To help plan your stay in Chicago visit: www.choosechicago.com

Satisfy Your MOCA Requirements – Thursday, December 3rd

The University of Chicago Simulation Center - MOCA® Training is an American Society of Anesthesiologists endorsed program.

The American Society of Anesthesiologists’ Simulation Education Program is the culmination of consultation among leaders in anesthesia simulation. The Program advocates the promotion of learning through simulation and specifically approves programs of quality in anesthesia simulation training. The Committee on Simulation Education oversees the Simulation Education Network that provides training to satisfy the American Board of Anesthesiology’s Maintenance of Certification in Anesthesiology (MOCA®) requirements.

Members of ASA and the simulation community will benefit from this Program as it promotes patient safety through refinement of training and team enhancement. This simulation course fulfills one requirement of the American Board of Anesthesiology’s (ABA) Maintenance of Certification in Anesthesiology Program (MOCA®) Part IV. Please consult the ABA website, www.theABA.org, for a list of all MOCA® requirements.

DISCOUNTED FEE: $1,400 – Thursday, December 3rd | 8 am – 4 pm | Register early as MOCA participation is limited to 4 applicants. We will provide transportation to/from Drake Hotel and University of Chicago Simulation Center.

Learning Objectives:
• Manage a patient with significant hemodynamic instability;
• Manage a patient with significant hypoxemia for any cause, including difficult airway management;
• Utilize the principles and practice of teamwork and communication.

Accreditation and Credit Designation:
The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:15</td>
<td>Welcome and Announcements</td>
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<tr>
<td>7:30</td>
<td>Advances in Airway Prediction and Management, Sachin Kheterpal, MD</td>
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<tr>
<td>8:00</td>
<td>Professionalism, Mohammad Minhaj, MD</td>
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<tr>
<td>8:30</td>
<td>Postoperative Respiratory Failure, Mark Nunnally, MD, FCCM</td>
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<tr>
<td>9:15</td>
<td>Decision Making in Anesthesia: Case Scenarios, University of Chicago Anesthesia Faculty</td>
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<tr>
<td>10:00</td>
<td>Q&amp;A</td>
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<tr>
<td>10:15</td>
<td>Refreshment Break</td>
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<tr>
<td>10:45</td>
<td>Transfusion Triggers, Michael O’Connor, MD, FCCM</td>
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<tr>
<td>11:30</td>
<td>What’s New in Clinical Hemodynamics, Jeffery Vender, MD</td>
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<tr>
<td>12:00 pm</td>
<td>How the Airline Industry Solves Problems, Keith Ruskin, MD</td>
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<tr>
<td>12:45</td>
<td>Q&amp;A</td>
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<tr>
<td>1:00</td>
<td>Lunch Provided for Afternoon Workshop Attendees</td>
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<tr>
<td>1:30</td>
<td>PBLD: Obstetric Anesthesia, Jennifer Banayan, MD</td>
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<tr>
<td>2:30</td>
<td>PBLD: Troubleshooting Regional Anesthesia, Dalia Elmofty, MD</td>
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<tr>
<td>3:30</td>
<td>PBLD: The Electronic Medical Record, Ori Gottlieb, MD</td>
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<td>4:30</td>
<td>PBLDS Adjourn</td>
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<tr>
<td>5:30 pm</td>
<td>Welcome Reception</td>
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**Saturday, December 5th**

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<tbody>
<tr>
<td>6:45 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:15</td>
<td>Decision Making in Anesthesia: Case Scenarios, University of Chicago Anesthesia Faculty</td>
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<tr>
<td>7:45</td>
<td>Blood Pressure and Cerebral Perfusion in Pediatric Patients, Sulpicio Soriano, MD</td>
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<tr>
<td>8:15</td>
<td>Does Chronic Pain Become Acute Pain after Surgery? Asokar Buvanendran, MD</td>
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<tr>
<td>9:15</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>9:30</td>
<td>Refreshment Break</td>
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<tr>
<td>10:00</td>
<td>Findings from Large Databases, Sachin Kheterpal, MD</td>
</tr>
<tr>
<td>10:30</td>
<td>Current Topics in Obstetric Anesthesia, Lisa Leffert, MD</td>
</tr>
<tr>
<td>11:15</td>
<td>Making a Busy Orthopedic Regional Practice Work, Asokar Buvanendran, MD</td>
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<tr>
<td>11:45</td>
<td>Q&amp;A</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch Provided for Afternoon Workshop Attendees</td>
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<tr>
<td>12:30</td>
<td>Ultrasound Workshop, Michael Woo, MD and University of Chicago Anesthesia Faculty</td>
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<tr>
<td>4:30 pm</td>
<td>Ultrasound Workshop Adjourn</td>
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Conference Agenda

Sunday, December 6th

7:00 am  Continental Breakfast

7:15  Developmental Neurotoxicity, Sulpicio Soriano, MD

8:00  Resuscitation in 2015, Richard Dutton, MD, MBA

8:45  Can You Put an Epidural in the Patient with ..., Lisa Leffert, MD

9:15  The Pediatric Patient with Downs Syndrome, Ellen Choi, MD

9:45  Q&A

10:00  Refreshment Break

10:30  Can Perioperative Renal Failure be Prevented? Avery Tung, MD, FCCM

11:15  Perioperative Applications of Transthoracic Ultrasound, Sajid Shahul, MD, MPH

12:15  Q&A

12:30 pm  Conference Adjourned

Program agenda and speaker selection subject to change.

Registration Form - Registration Fee

The $675 registration fee includes an electronic syllabus (thumb drive), continental breakfasts, refreshment breaks, and reception. For those purchasing an optional workshop, lunch will be provided. The conference fee for residents or nurse anesthetists in training, with letter of verification, is $375 and does not include any of the optional workshops. While registration is open until the start of the conference, we encourage early registration to enable us to provide the best possible service to participants.

Optional Printed Syllabus

Your registration fee includes an electronic syllabus only. An optional printed syllabus is available for an additional $100. If you wish to purchase a hardcopy/print syllabus, we must receive your pre-order before November 6, 2015. We will not have hardcopy syllabi onsite. Onsite registrants will receive an electronic syllabus.

Payment Worksheet

Anesthesiologists & Nurse Anesthetists
(optional workshops not included)

Residents or Student Nurse
(with verification letter - optional workshops not included)

Printed Syllabus (Optional) MUST PRE-ORDER BEFORE NOV 6TH

Optional Workshops (Additional Fees Apply - Includes Lunch)

Space is Limited • Pre-Registration Required with Full Registration

<table>
<thead>
<tr>
<th>Thursday, December 3rd, MOCA® Training (8 am - 4 pm)</th>
<th>$1,400</th>
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<tr>
<th>Friday, December 4th PLBDs (1:30 - 4:30 pm)</th>
<th>$55</th>
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<tbody>
<tr>
<td>Session 1: Obstetric Anesthesia (1:30 - 2:30 pm)</td>
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| Saturday, December 5th Ultrasound Workshop (12:30 - 4:30 pm) | $275 |

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<thead>
<tr>
<th>Saturday, December 5th PBLDs (12:30 - 3:30 pm)</th>
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<td>Session 6: Cardiac Anesthesia (2:30 - 3:30 pm)</td>
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TOTAL DUE $_________
How To Register

ONLINE  cme.uchicago.edu (credit card payment only)

To pay by check, you must mail this registration form with payment to:

MAIL  The University of Chicago
Attn: Donna Burke
Anesthesia & Critical Care
5841 South Maryland Ave., MC 4028
Chicago, IL  60637

Name_________________________________________ Degree________________________

Specialty____________________________________________________________________

Organization________________________________________________________________

Preferred Mailing Address____________________________________________________

City_________________________________ State ___________ Zip ______________________

Phone____________________________ Fax________________________________________

Email______________________________________________________________

☐ Check enclosed (US funds only), payable to The University of Chicago (Tax ID#36-2177139)

☐ You must check this box if you do not want your mailing address shared with conference participants and/or exhibitors (if applicable).

Please tell us how you found out about this activity, check all that apply:

☐ Colleague  ☐ Save the Date  ☐ Brochure  ☐ Internet  ☐ Email

☐ Journal Ad  ☐ Previous Attendance  ☐ Other ________________________________

Do you plan to attend the Welcome Reception on Friday night?  ☐ Yes  ☐ No

Cancellation Policy

If you cancel your participation in this conference, your registration fee, less a $100 administrative fee, will be refunded when written notification is received by November 6, 2015.

No refunds will be made after November 6, 2015.

Accessibility

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-1056 or via email at cme@uchicago.edu.

For additional information about this activity, please contact the Center for Continuing Medical Education at 773-702-1056.
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