



AT THE FOREFRONT

UChicago
Medicine

UCHICAGO MEDICINE

Department of Anesthesia & Critical Care

32ND ANNUAL CONFERENCE

CHALLENGES FOR CLINICIANS

NOV-DEC

30-2

2018

CONFERENCE DIRECTORS

Peter Nagele, MD, MSc

Avery Tung, MD, FCCM

Register online at: anesthesia.uchicago.edu

THE DRAKE HOTEL
140 E Walton Place
Chicago, Illinois 60611

CONFERENCE DESCRIPTION

The scope and complexity of anesthesia care has dramatically increased along with the evolving landscape of perioperative medicine. New techniques, new drugs, new evidence, and new quality and safety concerns all play a role in today's practice environment. Increasingly, we need to know how to make good care decisions, evaluate and apply evidence, maximize safety, and measure outcomes. This conference will focus on how to optimize perioperative care to function in today's perioperative environment.

LEARNING OBJECTIVES

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

- Describe the peri-partum management of preeclampsia in 2018;
- Describe the role of the anesthesiologist in modern trauma care;
- Explain the conceptual basis for current models of hemodynamic homeostasis and their modern diagnostic and management approaches;
- Discuss the relevance of the journal *Anesthesiology* in 2018;
- Describe how the pain experience throughout the human lifespan affects the approach to anesthesiology cases;
- Summarize the relevance of health care disparities to the obstetric anesthesia provider;
- Describe the emergency management of the pediatric patient employed by an anesthesia provider;
- Assess the evolving definition of perioperative myocardial infarction;
- Identify lessons from aviation safety that translate to anesthesia practice;
- Describe the current epidemiology of stenotic heart disease and implications for anesthesia management;
- Discuss the role of acute care prescribing in the opioid epidemic;
- Identify key communication strategies to prepare the parent for anesthesia management in pediatric surgery.

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 STATEMENT

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.

CREDIT DESIGNATION STATEMENT

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 17 *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/ COMMERCIAL SUPPORT

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

LOCATION AND ACCOMMODATIONS

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."

We are pleased to offer a special rate for conference attendees. **Special rates start at**

\$209* single/
double
occupancy



Reservations for The University of Chicago Anesthesia Critical Care Conference must be made by November 8, 2018 to guarantee the reduced rate.

- **To book online:** Go to <https://book.passkey.com/go/uoc2018>
- **By telephone:** Guests may call toll free at 1-800-55-DRAKE (1-800-553-7253) and ask for the special group rate.

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.

TO HELP PLAN YOUR STAY IN CHICAGO VISIT: WWW.CHOOSCHICAGO.COM

Chicago is truly a city with something for everyone!

DISCLOSURE DECLARATIONS

As a provider accredited by the ACCME, The University of Chicago Pritzker School of Medicine asks everyone who is in a position to control the content of an education activity to disclose all relevant financial relationships with any commercial interest. This includes any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME defines "relevant financial relationships" as financial relationships in any amount, occurring within the past 12 months, including financial relationships of a spouse or life partner that could create a conflict of interest. Mechanisms are in place to identify and resolve any potential conflict of interest prior to the start of the activity.

Additionally, The University of Chicago Pritzker School of Medicine, requires authors to identify investigational products or off-label uses of products regulated by the US Food and Drug Administration, at first mention and where appropriate in the content.

The University of Chicago reserves the right to cancel or postpone this conference due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

* All rates are subject to state and city taxes. All reservations must be secured via a valid major credit card. Check-in time is 3 pm and check-out time is 12 pm.

CONFERENCE FACULTY

Guest Faculty

Paulo Alves, MD, MSc, FAsMA

Global Medical Director
Aviation Health
MedAire, Inc.
Phoenix, AZ

Michael Avram, PhD

Associate Professor of Anesthesiology
Northwestern Medicine
Feinberg School of Medicine
Chicago, IL

Chad Brummett, MD

Associate Professor
Anesthesiology Director
Anesthesia Clinical Research Director
Division of Pain Research
Medical School
University of Michigan
Ann Arbor, MI

Peter Marhofer, MD

Professor
Head of Paediatric Anaesthesia and
Paediatric Intensive Care Medicine
Medical University Vienna
Austria, Europe

Mr. Michael Quiello

Vice President
Corporate Safety
United Airlines

Paoloma Toledo, MD, MPH

Assistant Professor of Anesthesiology
Northwestern Medicine
Feinberg School of Medicine
Chicago, IL

UChicago Faculty

David Bevington, PhD

Phyllis Fay Horton Distinguished Service Professor
Emeritus
Department of English
Department of Comparative Literature

Seth Estrin, PhD

Assistant Professor
Department of Art History and the College
University of Chicago

UChicago Faculty – Department of Anesthesia and Critical Care

Michael F. O'Connor, MD, SCCM

Professor of Anesthesia & Critical Care
Section Head, Critical Care Medicine
Course Director, Vignettes in Physiology,
Critical Care Flow
Director, Adult ICUs, UCMC
University of Chicago

Maunak V. Rana, MD

Associate Professor
Anesthesia & Critical Care
University of Chicago

J. Devin Roberts, MD

Assistant Professor
Anesthesia & Critical Care
University of Chicago

Sajid Shahul, MD, MPH

Professor
Anesthesia & Critical Care
Program Director
Critical Care Medicine Fellowship
University of Chicago

Jeffrey Tong, MD

Assistant Professor
Anesthesia & Critical Care
University of Chicago

Conference Co-Chairs

Peter Nagele, MD, MSc

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

CONFERENCE AGENDA

FRIDAY, NOVEMBER 30, 2018

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| 6:30 am | REGISTRATION AND CONTINENTAL BREAKFAST |
| 7:15 | Welcome and Announcements |
| 7:30 | Decision Scenarios I University of Chicago Anesthesia & Critical Care Faculty |
| 8:15 | Cardiac Events and Troponin Elevation After Surgery Peter Nagele, MD, MSc |
| 9:00 | Emergency Management of the Pediatric Parent Peter Marhofer, MD |
| 9:45 | Q&A |
| 10:00 | BREAK |
| 10:30 | Practicing Clinician and the Journal Anesthesiology 2018 Michael Avram, PhD |
| 11:15 | Understanding Clinical Hemodynamics Michael O'Connor, MD, SCCM |
| 12:00 pm | Decision Scenarios II University of Chicago Anesthesia & Critical Care Faculty |
| 12:45 | Q&A |

SATURDAY, DECEMBER 1, 2018

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|---------|--|
| 6:45 am | REGISTRATION AND CONTINENTAL BREAKFAST |
| 7:30 | Disparities and the Obstetrics Healthcare Provider Paoloma Toledo, MD, MPH |
| 8:15 | Role of Acute Care Prescribing in the Opioid Epidemic Chad Brummett, MD |
| 9:00 | Lessons Learned in Aviation Safety Mr. Michael Quiello |
| 9:45 | In Flight Cardiac Arrests and Medical Responses Paulo Alves, MD, MSc, FAsMA |
| 10:30 | Q&A |
| 10:45 | BREAK |

NEW FOR 2018! BEYOND MEDICINE

| | |
|-------|--|
| 11:15 | Doctors and Medicine in Shakespeare's Plays David Bevington, PhD |
| 11:45 | From Dead Flesh to Living Stone: Looking for Signs of Life in Ancient Sculpture Seth Estrin, PhD |
| 12:15 | Q&A |

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|----------|---|
| 12:30 pm | LUNCH PROVIDED FOR AFTERNOON WORKSHOP ATTENDEES |
| 1:00 | Ultrasound Workshop Sajid Shahul, MD, MPH and J. Devin Roberts, MD |
| 4:30 | ULTRASOUND WORKSHOP ADJOURNS |

SUNDAY, DECEMBER 2, 2018

| | |
|---------|---|
| 7:00 am | CONTINENTAL BREAKFAST |
| 7:30 | Role of the Anesthesiologist in Trauma Jeffrey Tong, MD |
| 8:15 | Preeclamptic Patient: An Update for 2018 Paoloma Toledo, MD, MPH |
| 9:00 | Pre Op Preparation of the Parent Peter Marhofer, MD |
| 9:45 | Q&A |
| 10:00 | BREAK |
| 10:30 | Patient with Stenotic Heart Disease Avery Tung, MD, FCCM |
| 11:15 | Pain Experience throughout the Human Lifespan Maunak V. Rana, MD |
| 11:45 | CONFERENCE ADJOURNED |

CONFERENCE AGENDA

OPTIONAL Ultrasound WORKSHOP – Saturday, December 1st

Ultrasound Workshop – Saturday, December 1st, 1:00pm – 4:30pm

Once again, we are offering a Regional Anesthesia with Ultrasound Applications Workshop led by Sajid Shahul, MD, MPH, J. Devin Roberts, MD and other University of Chicago Anesthesia Faculty. This hands-on workshop is open to all registered participants for an additional fee of \$350. This session is equal to 4 credit hours.

*Lunch will be provided for all optional workshop participants.

SATISFY YOUR MOCA REQUIREMENTS – Thursday, November 29th

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 anesthesiology 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: \$1,500 – Thursday, November 29 | 8am – 4pm | 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 from 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.

REGISTRATION FORM - REGISTRATION FEE

All registration fees include 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 before 11/6/2018, \$475 after, 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 \$125. If you wish to purchase a hardcopy/print syllabus, we must receive your pre-order before November 2, 2018. We will not have hardcopy syllabi onsite. Onsite registrants will receive an electronic syllabus.


| Payment Worksheet | Before 10/19 | After 10/19 | |
|--|--------------------------------|----------------------------------|----------|
| Anesthesiologists & Nurse Anesthetists (Optional workshop not included) | <input type="checkbox"/> \$790 | <input type="checkbox"/> \$850 | \$ _____ |
| Residents or Student Nurse (With verification letter - optional workshop not included) | <input type="checkbox"/> \$375 | <input type="checkbox"/> \$475 | \$ _____ |
| Printed Syllabus (Optional) MUST PRE-ORDER BEFORE NOV 2ND | | <input type="checkbox"/> \$125 | \$ _____ |
| Thursday, November 29th, MOCA® Training (8 am - 4 pm) | | <input type="checkbox"/> \$1,500 | \$ _____ |
| OPTIONAL ULTRASOUND WORKSHOP (Additional Fees Apply - Includes Lunch) Space is Limited • Pre-Registration Required with Full Registration | | | |
| Saturday, December 1st, Ultrasound Workshop (1:30 – 4:30 pm) | | <input type="checkbox"/> \$350 | \$ _____ |
| TOTAL DUE | | | \$ _____ |

REGISTRATION INFORMATION

HOW TO REGISTER

 **ONLINE** <http://anesthesia.uchicago.edu/>

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

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

The registration fee includes symposium materials, an electronic syllabus, continental breakfast, refreshment breaks, lunch, welcome reception, and poster viewing. You may register online or via U.S. mail. **While registration is open until the start of the meeting, we encourage early registration to enable us to provide the best possible service to participants.**

PAYMENT

Check enclosed (U.S. funds only), payable to **University of Chicago (Tax ID# 36-2177139)**

CONTACT INFORMATION

Name _____ Degree _____

Specialty _____

Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

PLEASE CHECK ALL THAT APPLY

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

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

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 _____

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 7, 2018. **No refunds will be made after November 7, 2018.**

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 773-702-3500 or via email at dburke@dacc.uchicago.edu.

For additional information about this activity, please contact Donna Burke at 773-702-3500.