



# IARS, AUA & SOCCA ANNUAL MEETINGS TOGETHER IN ONE LOCATION – HYATT REGENCY CHICAGO!

## AUA 2018 ANNUAL MEETING • THURSDAY, APRIL 26 – FRIDAY, APRIL 27

Engage with the leaders in academic anesthesiology and take away valuable tools designed to enhance your practice at the AUA 2018 Annual Meeting, April 26-27, in Chicago, Illinois, then stay through Saturday, April 28, for the Aligned Meeting Day, available complimentary to AUA registrants. Review the intricacies of *Motivation, Metacognition, and Self-Regulation in Education*, investigate *The Science of Longitudinal Assessment*, and discuss the latest in *Sepsis Revisited – Important Updates* at the President's Panel. Learn what makes the Host Program Institutions, Northwestern University Feinberg School of Medicine and The University of Chicago Medicine, unique. Plus, discover original research during two days of Scientific Advisory Board (SAB) Oral Sessions and Moderated Poster Discussion Sessions.

## SOCCA 2018 ANNUAL MEETING AND CRITICAL CARE UPDATE • FRIDAY, APRIL 27

Join the leaders in critical care anesthesiology at the SOCCA 2018 Annual Meeting and Critical Care Update, Friday, April 27, in Chicago, Illinois, to explore current practices in critical care anesthesia and focus on new discoveries in critical care research and education. Program topics include *Metabolic Support for the Postoperative Patient in the ICU*, *Enhancing Recovery from Critical Illness and Life Thereafter*, *Wellness for the Anesthesiologist-Intensivist*, and *Innovative Uses of Ultrasound in the ICU*. Plus, stay an extra day for the IARS Aligned Meeting Day and SOCCA Focus on Critical Care Day on Saturday, April 28,

## IARS ALIGNED MEETING DAY AND SOCCA FOCUS ON CRITICAL CARE DAY • SATURDAY, APRIL 28

The attendees of the IARS, AUA and SOCCA Annual Meetings will have the opportunity to take advantage of a special Aligned Meeting and SOCCA Focus on Critical Care Day on Saturday, April 28. The thought leaders in academic anesthesiology will present a wide selection of robust education sessions highlighting pioneering topics in anesthesia and celebrating advances in education, science, research and the art of anesthesiology.

### IARS Aligned Meeting Day Sessions

7:30 am – 9:00 am: **Opening General Session and T.H. Seldon Memorial Lecture:**  
***Personalizing Health Care in the Era of Big Data***  
with Dr. Jeffrey R. Balsler

Over the past two decades, Dr. Balsler has guided expansion of Vanderbilt University School of Medicine research programs in personalized medicine, human subjects research, and population health, moving Vanderbilt University School of Medicine's ranking to eighth in the nation among U.S. medical schools in total grant support provided through the National Institutes of Health (NIH).

9:30 am – 12:00 pm: **Symposium: AUA: *Mitochondria and Bioenergetics in Health and Disease: It's Not Just a Power Failure!***  
with Drs. Paul S. Brookes, Elizabeth A. Jonas, Y.S. Prakash, Douglas L. Rothman, and Douglas C. Wallace

This invigorating symposium will highlight important questions relating to mitochondria and bioenergetics that impact the perioperative environment. Examine the roles of altered mitochondrial structure and function as well as bioenergetics and unintended consequences of drugs or other interventions on mitochondria and bioenergetics and how this may help improve and individualize patient care.

12:00 pm – 1:00 pm: **Problem-Based Learning Discussion: AUA: *Why Study Time Doesn't Always Lead to Learning: How Do We Help the Struggling Trainee?***  
with Drs. Ersne Eromo and Daniel Saddawi-Konefka

This hands-on session will provide various self-study methods available to trainees, including relative effectiveness of each technique, offering an approach to unpack a trainee's study habits and to prepare a study plan for a hypothetical trainee that combines effective learning modalities.



## IARS ALIGNED MEETING DAY AND SOCCA FOCUS ON CRITICAL CARE DAY • SATURDAY, APRIL 28

4:00 pm – 5:00 pm: **Problem-Based Learning Discussion: AUA: Getting to the Heart of the Matter: Perioperative Focused Cardiac and Pulmonary Ultrasound, and The Hemodynamically Unstable Patient**  
with Drs. Alexander S. Kuo and Abraham Sonny

Evaluate the role of anesthesiologist-performed focused cardiac and pulmonary ultrasound in the perioperative period and the role of focused ultrasound in hemodynamic assessment for guiding diagnosis and management of undifferentiated shock.

### **SOCCA Focus on Critical Care Day Sessions**

9:30 am – 10:30 am: **Problem-Based Learning Discussion: SOCCA: To Intubate or Not: Management of Post-Operative Acute Respiratory Failure**  
with Dr. Kunal Karamchandani

Management of postoperative acute respiratory failure can be challenging. Early recognition and prompt treatment is critical to prevent significant morbidity and mortality. In this case-based session, discuss the principles and utility of non-invasive ventilation (NIV) and high flow nasal cannula (HFNC) in the management of acute hypoxic respiratory failure.

11:15 am – 12:00 pm: **Review Course Lecture: SOCCA: The Tele-Vision: Taking Care to the Patient and Expanding the Scope of the Intensivist**  
with Dr. Liza M. Weavind

The reality of virtual care is upon us, and it is our responsibility as intensivists to maximize the potential of telemedicine to leverage ourselves and provide care to an ever widening circle of patients, not limited to the critically ill in our ICU's. Our patients may be acutely deteriorating on a non-monitored floor or being evaluated in an ED. Our input as intensivists, in real time, in remote geographic locations, within or outside of the hospital may be lifesaving. Utilizing telemedicine to take critical care to the patient, rather than bringing the patient to the ICU, should be our goal.

2:00 pm – 3:00 pm: **Problem-Based Learning Discussion: SOCCA: The Sweet Escape: A Complicated Case of DKA**  
with Dr. George W. Williams, II

Join this exciting discussion and examine an intriguing case of diabetic ketoacidosis (DKA). Evaluate a case of a middle-aged man who presents with a preliminarily negative cardiac workup and yet has chest pain. Endocrine, renal and infectious diseases come into play in this real case.

4:00 pm – 5:00 pm: **Problem-Based Learning Discussion: SOCCA: Perioperative Renal Replacement Therapy for the Anesthesiologist: Does It Make A Difference?**  
with Dr. Dragos Galusca

Anesthetic management of high-risk patients undergoing major hepatic surgery can involve the use of perioperative renal replacement therapy (RRT). Examine the risk factors and etiology of renal injury for patients undergoing major (hepatic) surgery during this discussion session.

5:00 pm – 5:45 pm: **Review Course Lecture: SOCCA: Heart Failure with Preserved Ejection Fraction (HFpEF) as a Perioperative Risk**  
with Dr. Aalok Kacha

Heart failure with preserved ejection fraction (HFpEF) accounts for approximately 50% of cases of heart failure. HFpEF confers an increased risk of perioperative morbidity and mortality. Assess how the phenotypes, evaluation, and management of HFpEF is important for the perioperative physician given the increasing prevalence of ICUs.

### **Plus, A Bonus Focus on Critical Care Session on Sunday, April 29, Complimentary for SOCCA Attendees:**

4:00 pm – 5:30 pm: **Panel: SOCCA: 50 Years of ARDS: An Update**  
with Drs. Kunal Karamchandani, Brian Kavanagh, Daniel S. Talmor, Avery Tung, and Michael H. Wall

Despite heightened awareness and extensive research related to ARDS over the last 50 years, ARDS represents an important public health problem globally and is associated with a mortality rate of approximately 40%. ARDS continues to be under-recognized and under-treated in terms of the use of optimal, proven, or recommended approaches to mechanical ventilation. Attend this panel and discover strategies to prevent and treat ARDS.

## SCHOLARS' PROGRAM • FRIDAY, APRIL 27 – SATURDAY, APRIL 28

The Scholars' Program requires a separate \$50 non-refundable fee and pre-registration. This fee includes education sessions, reception, breakfast and lunch. Seating is limited.

The Scholars' Program will have a broad appeal, particularly to early-stage scholars in anesthesiology who are looking for best practices in adapting to the rapidly changing world of academic anesthesia and medicine. Through innovative teaching approaches, scholars will receive the much-needed skills they desire while interacting with peers and mentors.



**Friday, April 27 • 6:00 pm – 7:00 pm**

### **IARS, AUA, SOCCA & eSAS Scholars' Program Mentor-Trainee Reception**

Based on rigorous evaluation of both mentors' expertise and trainees' needs, goal-focused interactions will be catalyzed. Trainees will be matched with a mentor and have an opportunity to interact during this reception.

**Saturday, April 28 • 6:15 am – 7:15 am**

### **Breakfast with IARS, AUA & SOCCA Leadership and Mentors**

Share the most important meal of the day and network with the IARS, AUA & SOCCA Leadership and Mentors in anesthesiology education and research.

**Saturday, April 28 • 9:30 am – 9:40 am**

### **Introduction to the Scholars' Program and eSAS**

with Drs. Vivianne Tawfik and Elizabeth L. Whitlock

The Scholars' Program is an amazing opportunity for early-stage faculty, fellows, residents and other trainees to gain exposure to exciting advances in the field, learn more about career development in academic anesthesiology and meet other early-stage scholars.

**Saturday, April 28 • 9:40 am – 10:30 am**

### **Moving from Insight to Scientific Premise to Research Program and What This is All About**

with Drs. Max B. Kelz and Katie J. Schenning

Delve deeply into scientific premises and gain insight into the most thought-provoking research programs in anesthesiology.

**Saturday, April 28 • 10:45 am – 12:15 pm**

### **Shine Like A Rockstar: Different Paths to Success**

with Drs. Boris D. Heifets, Lauren Hill, Manoj M. Lahu, Peter Nagele, and Paloma Toledo

Learn how to succeed on the clinician-investigator track and observe highlighted pathways, illustrating lessons learned towards success in academic anesthesiology.

**Saturday, April 28 • 12:30 pm – 2:00 pm**

### **Lunch Session: Resilience Personified: Transitioning from Trainee to Junior Faculty and Beyond**

with Drs. Julie K. Freed, Ken Solt, and Elizabeth L. Whitlock

As young physician scientists continue to face unique challenges, it is important to address the transition from trainee to early-stage faculty including all the pitfalls along the way. Hear about the paths taken by two early-stage scholars during this session.

**Saturday, April 28 • 2:15 pm – 3:45 pm**

### **Moving Fluidly Across the Translational Spectrum: Current Opioid Crisis**

with Drs. Catherine Chen, Afton Hassett, Michael R. Mathis, Giancarlo Vanini, and Jennifer F. Waljee

Explore the promising avenue of innovative and scalable self-management strategies and discuss how effectively empowering patients with anxiety and pain-coping skills would hopefully decrease the use of analgesics and increase patient satisfaction.

**Saturday, April 28 • 4:00 pm – 5:00 pm**

### **Priorities for Developing Researchers: Perspectives from the NIH and IARS**

with Drs. Emery N. Brown, Alison Cole, and Julie K. Freed

Discover and evaluate the most important priorities for developing researchers from several perspectives including the NIH and IARS.

**Saturday, April 28 • 5:10 pm – 6:10 pm**

### **From the Editor's Desk: A No-Nonsense Guide to Successful Publication**

with Drs. Hilary P. Grocott, Kate Leslie, and Jamie R. Privratsky

Great research deserves wide dissemination; therefore, providing early-career researchers a no-nonsense and hassle-free approach to designing, implementing, reporting and submitting studies is necessary to maximize impact.