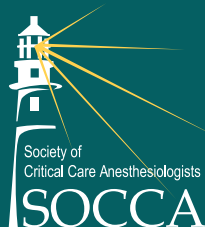


Preliminary Program

SOCCA 2018 Annual Meeting and Critical Care Update

Friday, April 27, 2018

Hyatt Regency Chicago, Chicago, Illinois



For more information,
visit www.socca.org



Welcome to the SOCCA 2018 Annual Meeting and Critical Care Update in Chicago, Illinois!

Welcome to the SOCCA 2018 Annual Meeting and Critical Care Update, a meeting I am confident you will find rewarding with many valuable takeaways and networking opportunities. The members of the SOCCA Committee on Education, Drs. Adam S. Evans, Sheila Pai Cole, and Peter Von Homeyer, have developed a cutting-edge education program, addressing the latest advances in critical care and investigating the most pressing issues in anesthesiology. Plus, stay through Saturday, April 28, for the Aligned Meeting and SOCCA Focus on Critical Care Day education sessions at the IARS 2018 Annual Meeting and International Science Symposium, available complimentary to SOCCA registrants.

Session Highlights:

FRIDAY, APRIL 27

- **Breakfast Panel: *Emerging Practice Paradigms in Critical Care Practice*** – Review the various practice paradigms for delivering superior care for critical care patients.
- **Education Session I: *Metabolic Support for the Postoperative Patient in the ICU*** – Learn to formulate a protocol for intensive metabolic support for patients that are postoperative in the ICU.
- **SOCCA Lifetime Achievement Award Presentation: *Leadership for Today, Change for Tomorrow*** – Uncover insights for leadership and the future of critical care medicine during Award Winner Dr. Jeffrey S. Vender's presentation.
- **Education Session II: *Enhancing Recovery from Critical Illness and Life Thereafter*** – Examine how to best prepare patients with critical illness and their families for the road to recovery.
- **Education Session III: *Wellness for the Anesthesiologist-Intensivist*** – Explore wellness initiatives to help with preventing burnout, improving resilience and dealing with grief.
- **SOCCA Young Investigator Award Presentation** – Examine the groundbreaking research from the Young Investigator Award Winner and first and second runners-up.
- **Moderated Poster Discussion Session** – Learn about cutting-edge advancements in research and education from abstract presenters.
- **Education Session IV: *Innovative Uses of Ultrasound in ICU*** – Discuss the new and exciting uses for ultrasound including the treatment of respiratory failure, optic US for ICP monitoring, nutrition and RV strain.

SATURDAY, APRIL 28

Aligned Meeting Day Sessions:

- **Opening General Session and T.H. Seldon Memorial Lecture: *Personalizing Health in the Era of Big Data*** with Dr. Jeffrey R. Balse
- **Alignment Symposium: *AUA: Mitochondria and Bioenergetics in Health and Disease: It's Not Just a Power Failure!***
- **IARS Scholars' Program** – Education Sessions, Breakfast and Lunch Sessions, and Mentor-Trainee Reception
- **IARS, AUA and SOCCA Alignment Reception**

Focus on Critical Care Sessions:

Review Course Lectures:

- **SOCCA: *The Tele-Vision: Taking Care to the Patient and Expanding the Scope of the Intensivist***
- **SOCCA: *Heart Failure with Preserved Ejection Fraction (HFpEF) as a Perioperative Risk***

Problem-Based Learning Discussions:

- **SOCCA: *To Intubate or Not: Management of Post-Operative Acute Respiratory Failure***
- **SOCCA: *The Sweet Escape: A Complicated Case of DKA***
- **SOCCA: *Perioperative Renal Replacement Therapy for the Anesthesiologist: Does It Make a Difference?***

SUNDAY, APRIL 29

Plus, A Bonus Focus on Critical Care Session, Complimentary for SOCCA Attendees:

- **Panel: *SOCCA: 50 Years of ARDS: An Update***

Visit the SOCCA Tabletop Exhibits for the latest innovations in technology, equipment, and medical publications.

I hope your time with the leaders in critical care anesthesiology and your colleagues will energize you and give you the tools and skills you need to advance your practice and research while enjoying all Chicago has to offer.

Sincerely,

Avery Tung, MD, FCCM, *President, Society of Critical Care Anesthesiologists*

Welcome to the SOCCA 2018 Annual Meeting and Critical Care Update in Chicago!



Collaborate and Network with Leaders in Critical Care Anesthesia

Join your colleagues for a stimulating program at the SOCCA 2018 Annual Meeting and Critical Care Update, on Friday, April 27, 2018, at the Hyatt Regency Chicago in Chicago, Illinois, and explore current practices and review cutting-edge topics in research and education with thought leaders in critical care anesthesia. While in Chicago, stay an extra day and take advantage of the IARS Aligned Meeting and SOCCA Focus on Critical Care Day sessions on Saturday, April 28, available complimentary to all SOCCA registrants. This year, you may also gain access to a bonus Focus on Critical Care session on Sunday, April 29. Don't miss these valuable learning opportunities!

Discover Chicago, Illinois

Chicago is more than just a big city. Besides its striking downtown, which includes some of the tallest buildings in the world, Chicago has a distinctive shoreline, hundreds of vibrant parks and 77 unique neighborhoods. In Chicago, you will find incredible shopping on The Magnificent Mile, a Michelin-rated dining scene and exciting nightlife, just a short walk from the SOCCA Headquarters Hotel. The city also offers more than 60 museums, five regional Tony Award-winning theaters and, no matter the season, a sports team to cheer on. Chicago's neighborhoods represent more than 100 countries and it's through this diversity and profound city culture that the city has developed the country's best restaurants, theaters and museums. Enjoy your visit to Chicago!

Chicago by the Numbers

237 square miles of land located at the southwestern tip of Lake Michigan

As the third-most populous city in the U.S., Chicago has an estimated **2.7** million residents

77 community areas containing more than **100** neighborhoods

Home of the iconic deep-dish pizza, Chicago serves as a gourmet dining epicenter and hosts over **5,195** restaurants

More than **250** theaters, **225** music venues and **200** dance companies

56 museums including the Museum of Science+Industry and The Art Institute of Chicago

Over **700** works of public art exhibited in **150** municipal facilities around the city including Cloud Gate (the Bean) and Cows on Parade

More than **125** art galleries and **20** neighborhood art centers

26 miles of lakefront with an **18.5**-mile lakefront path

8,100 acres of green space with **580** parks and **26** beaches

5 city-wide music festivals, nearly **50** neighborhood music festivals and **35** neighborhood food festivals

Over **30** downtown and neighborhood parades

Approximately **369** landmarks and 46 historic districts

Over **225** miles of bike lanes and more than **13,000** bike racks

Over **3,000** bikes and **300** stations through the Divvy bike sharing system

28 CTA bus routes and **8** train routes serving **146** stations

119 hotels with **39,000** hotel rooms in the Central Business District

37 moveable bridges – Chicago has more than any city in the world. Most are the design-style called bascule, from the French word for teeter-totter.

Hotel Information

SOCCA Headquarters Hotel: Hyatt Regency Chicago Make Your Hotel Reservation Today!



The Hyatt Regency Chicago offers a chic, downtown retreat, located steps from the Magnificent Mile and iconic Chicago destinations. Slip away for an afternoon at The Art Institute of Chicago, ride on the Chicago Architectural Foundation's boat tour, or snap a photo in front of Cloud Gate, locally known as the Bean. Plus, savor the unparalleled views of downtown and Navy Pier from the Hyatt Regency Chicago.

Headquarters Hotel

Hyatt Regency Chicago

151 East Wacker Drive
Chicago, Illinois, USA, 60601

Hyatt Regency Chicago is the Headquarters Hotel for the SOCCA 2018 Annual Meeting. The hotel offers a chic, downtown retreat located steps from the Magnificent Mile and iconic Chicago destinations.

All SOCCA education sessions, special events and tabletop exhibits will take place at the Hyatt Regency Chicago.

Hotel Reservations

SOCCA has secured a limited block of rooms for meeting attendees at the Hyatt Regency Chicago. Housing opens December 2017. To make your hotel reservation, call +1 312 565 1234 or visit bit.ly/18AM_SOCCAhotel.

Deadlines

Chicago, Illinois, in April is a popular travel destination and hotel rooms sellout rapidly! Special hotel rates for SOCCA attendees end **Thursday, March 29, 2018**. Rooms are limited and available on a first come, first-served basis. We highly recommend you book early to guarantee a room reservation at the Headquarters Hotel.

Room Rates

The special SOCCA conference rate for either single or double occupancy is \$219. Room rates are quoted exclusive of state and local taxes, fees and assessments, currently 16.4%. Taxes are subject to change. Quoted rates will be offered based on availability. The additional fee for every third occupant in a room is \$25 per person and \$50 per person for a fourth occupant.

Hotel Reservation Cancellation Policy

To avoid a one night room and tax charge, reservations must be cancelled within 72 hours of arrival.

General Information



ANNUAL MEETING LOCATION

SOCCA 2018 Annual Meeting Headquarters Hotel

Hyatt Regency Chicago

151 East Wacker Drive
Chicago, Illinois, USA, 60601
Tel: +1 312 565 1234

Visit bit.ly/18AM_SOCCAhotel for hotel information.

Annual Meeting Registration

SOCCA Onsite Registration Hours

Thursday, April 26, 2018 6:00 am – 6:00 pm
Friday, April 27, 2018 6:00 am – 6:00 pm

Annual Meeting Registration Cancellation Policy

Registrations canceled on or before Thursday, April 12, 2018, will be refunded, less a \$50 processing charge. Registration fees will not be refunded if canceled after Thursday, April 12, 2018. The Scholars' Program sessions require a separate non-refundable fee and pre-registration.

Visit www.socca.org for more information on registration for the SOCCA 2018 Annual Meeting and Critical Care Update.

OTHER INFORMATION

Electronic Devices

Please silence all electronic devices during education sessions. Videotaping and recording of sessions is not allowed without the written permission from the presenter(s).

Photography Release

The Society of Critical Care Anesthesiologists (SOCCA) plans to take photographs at the SOCCA 2018 Annual Meeting and Critical Care Update and to reproduce them in SOCCA news or promotional materials, whether in print, electronic or other media, including the SOCCA website. By participating in the SOCCA 2018 Annual Meeting and Critical Care Update, you grant SOCCA the right to use your name, photograph, and biography for such purposes.

No Smoking Policy

Smoking is not permitted at SOCCA events. We respectfully request that you abide by our smoke-free policy.

Special Services

If you are in need of any special services, please contact SOCCA at soccametings@iars.org or at the Registration Desk during the annual meeting.

IARS, AUA and SOCCA 2018 Annual Meetings App

The IARS, AUA and SOCCA 2018 Annual Meetings will feature an interactive app that will allow you to view the complete event schedule, explore all sessions, and get detailed presenter information. Expand your professional network and make the most of your Annual Meeting experience! Visit www.socca.org for more information.

TRAVEL TIPS FOR CHICAGO, ILLINOIS

Chicago Airports

O'Hare International Airport, located 17 miles from downtown, is one of the largest airports in the world. It is North America's major international gateway airport, servicing over 67 million passengers to and from over 200 destinations around the globe.

Midway International Airport is located 10 miles from downtown Chicago and offers another convenient travel option for visitors. It is the nation's premier point-to-point airport, offering value-oriented leisure and business travel to over 60 destinations.

Time Zone

Chicago follows the Central Time Zone (CST).

Transportation

O'Hare and Midway airports offer plentiful taxi service to downtown and the suburbs. Rates range from \$40-50 from O'Hare, and \$30-40 from Midway. Rates vary based on travel time and are subject to change.

The **Chicago Transit Authority** serves both airports for easy and economical travel between downtown and Chicago neighborhoods using the **'L' train**. The 24-hour CTA Blue Line connects directly to O'Hare and the CTA Orange Line connects directly to Midway. Read more on [getting around Chicago](#) with public transportation or visit transitchicago.com/airports for full fare information and maps.

GO Airport Express provides shared ride services to all downtown/suburban hotels and many businesses. Pair fares and group discounts are available along with customized reservation portals for your groups.

Weather

Springtime in Chicago means blooming flowers and a lively lakefront. Temperatures start to warm up with April typically in the 50's °F (10-15°C) and May up to around 70°F (21°C).

Submit abstracts to the SOCCA 2018 Annual Meeting for a chance to present to leaders in critical care anesthesiology!

Submission Deadline:
Thursday, December 28, 2017



Special Events

THURSDAY, APRIL 26

SOCCA Reception with Exhibitors

7:00 pm – 8:00 pm

Don't miss this lively reception to kickoff the SOCCA 2018 Annual Meeting. Connect with your colleagues and peers and gain the opportunity to interact with the leaders in the field at the SOCCA Reception with Exhibitors on Thursday, April 26. Visit exhibitors and discover the latest innovations. Get energized for the education program and make new contacts with whom to share the meeting experience.

FRIDAY, APRIL 27

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

6:00 pm – 7:00 pm

Be sure to attend the Scholars' Program Reception and participate in a special mentor-trainee session. Network and socialize with fellow scholars, plus participate in mentoring opportunities.

SATURDAY, APRIL 28

Scholars' Program Breakfast with IARS, AUA & SOCCA Leadership and Mentors*

6:15 am – 7:15 am

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

**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.*

Alignment Reception at the IARS 2018 Annual Meeting and International Science Symposium

6:00 pm – 7:30 pm

Come together and celebrate the convergence of the IARS, AUA, and SOCCA Annual Meetings and meet the leaders in all subspecialties in anesthesiology in one location, Chicago. Relax, unwind and join your colleagues and peers at this upbeat event.



Continuing Medical Education (CME) Activity Information



Activity Overview

The Society of Critical Care Anesthesiologists (SOCCA) 2018 Annual Meeting and Critical Care Update is designed to optimize outcomes for critically ill patients and their families through evidence-based and clinically-oriented physician education. The purpose of the SOCCA Annual Meeting and Critical Care Update is to advance knowledge, improve competence, and enhance performance of intensive care teams.

Target Audience

The SOCCA 2018 Annual Meeting and Critical Care Update is designed for anesthesiologists in the clinical and laboratory setting.

Educational Objectives

As a result of participating in this live CME activity, learners will be able to:

- Evaluate the current state of emerging knowledge and practice patterns and assess the relevance to their professional practice;
- Incorporate new knowledge from advances in anesthesiology practice into their professional practice areas; and
- Distinguish gaps in their knowledge, behavior, and patient outcomes that may result in a need for additional education and training.

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the International Anesthesia Research Society (IARS) and the Society of Critical Care Anesthesiologists (SOCCA). The IARS is accredited by the ACCME to provide continuing medical education for physicians.

CME Credit

The International Anesthesia Research Society (IARS) designates this live activity for a maximum of 7.5 AMA PRA Category 1 Credits.[™] Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure

The International Anesthesia Research Society (IARS) makes every effort to develop CME activities that are independent, objective, scientifically balanced presentations of information. The IARS has implemented mechanisms requiring everyone in a position to control content to disclose all financial relationships with commercial interests. Disclosure of any or no relationships is made available in advance of all educational activities. The IARS evaluates, and if necessary, resolves any conflicts of interest prior to the start of the activity. Individuals who refuse or fail to provide the required disclosures are disqualified from being a planning committee member, teacher, or author of CME, and cannot have control of, or responsibility for, the development, management, presentation or evaluation of the CME activity.

Disclaimer

The information provided in this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

Commercial Support

This CME activity is supported entirely by the Society of Critical Care Anesthesiologists (SOCCA). There is no commercial support for this activity at press time.



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Audrey Shafer, MD

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Christian Stoppe, MD

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Avery Tung, MD, FCCM

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Jeffery S. Vender, MD, FCCP, FCCM, MBA

Chairman of Anesthesiology, NorthShore University HealthSystem, Evanston, Illinois

Paul E. Wischmeyer, MD, EDIC

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Schedule-at-a-Glance

THURSDAY, APRIL 26

6:00 pm – 7:00 pm _____

SOCCA Reception with Exhibitors

FRIDAY, APRIL 27

7:00 am – 8:00 am _____

Breakfast with Exhibitors

7:00 am – 8:00 am _____

Breakfast Panel: *Emerging Practice Paradigms in Critical Care Practice*

Moderator: Ashish Khanna, MD, FCCP, FCCM

Presenters:

- **Anesthesiologist-Intensivist in Private Practice**
Todd Kelly, MD
- **CVICU**
Jacob Gutsche, MD
- **Hospital Administration**
Mark E. Nunnally, MD, FCCM

8:00 am – 8:15 am _____

Welcome Address and Introduction (No-CME)

- Avery Tung, MD, FCCM, *President, Society of Critical Care Anesthesiologists*
- Adam S. Evans, MD, *Chair, Committee on Education*

8:15 am – 9:45 am _____

Education Session I: *Metabolic Support for the Postoperative Patient in the ICU*

Moderator: Adam S. Evans, MD

Presenters:

- **A Call to Action for Anesthesia-Intensivists**
Jeffrey Mechanick, MD
- **Targeting the Microbiome in the ICU**
Paul E. Wischmeyer, MD, EDIC
- **Perioperative Glycemic Control**
Leila Hosseinian, MD
- **Feeding the Postoperative Patient-Challenges and Opportunities**
Christian Stoppe, MD

9:45 am – 10:15 am _____

Break with Exhibitors

10:15 am – 11:15 am _____

Education Session II: *Enhancing Recovery from Critical Illness and Life Thereafter*

Moderator: Peter Von Homeyer, MD, FASE

Presenters:

- **Metabolic Decay and Rehabilitation During and Post-ICU**
Inigo San Millan, PhD
- **Early Rehab**
Matthias Eikermann, MD, PhD
- **Post ICU Recovery Clinics**
Pratik Pandharipande, MD, MSCI

11:30 am – 12:30 pm _____

Education Session III: *Wellness for the Anesthesiologist-Intensivist*

Moderator: Sheela Pai Cole, MD

Presenters:

- **Preventing Burnout**
Cortessa Russell, MD
- **Improving Resilience**
Sheela Pai Cole, MD
- **Dealing with Grief**
Audrey Shafer, MD

12:30 pm – 1:30 pm _____

SOCCA Lunch Symposium (No-CME) – open to all attendees

1:30 pm – 2:00 pm _____

SOCCA Lifetime Achievement Award Presentation: *Leadership for Today, Change for Tomorrow*

Introduction: Douglas B. Coursin, MD

Presenter: Jeffrey S. Vender, MD

2:00 pm – 2:45 pm _____

SOCCA Young Investigator Awards Presentation

Moderator: Daryl J. Kor, MD, MSc

2:45 pm – 3:00 pm _____

Break with Exhibitors



FRIDAY, APRIL 27, *continued*

3:00 pm – 3:45 pm _____
Moderated Poster Discussion Session

3:45 am – 4:00 pm _____
Break

4:00 pm – 5:00 pm _____
Education Session IV: *Innovative Uses of Ultrasound in ICU*

Moderator: Peter Von Homeyer, MD, FASE

Presenters:

■ *Respiratory Failure*

Michael Lanspa, MD, MS

■ *Optic US for ICP Monitoring*

Venkatakrishna Rajajee, MBBS

■ *Nutrition*

Paul E. Wischmeyer, MD, EDIC

■ *RV Strain*

Aalok K. Kacha, MD, PhD

5:00 pm – 5:15 pm _____
Closing Remarks (*No-CME*)

5:15 pm – 6:00 pm _____
SOCCA Annual Business Meeting (*No-CME*)

6:00 pm – 7:00 pm _____
IARS, AUA, SOCCA and eSAS Scholars' Program
Mentor-Trainee Reception

* *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.*

**Register Early and Save on the
SOCCA 2018 Annual Meeting and Critical Care Update!**
Early Registration Deadline: Thursday, February 22, 2018

**Come for the SOCCA 2018 Annual Meeting and Critical Care
Update on Friday, April 27, 2018!**

Stay an Extra Day *Complimentary* for SOCCA Attendees and attend the
Aligned Meeting Day and SOCCA Focus on Critical Care Day at the
IARS 2018 Annual Meeting and International Science Symposium
on Saturday, April 28, 2018!



Aligned Meeting Day at the IARS 2018 Annual Meeting and International Science Symposium

Saturday, April 28

The attendees of the SOCCA Annual Meeting will have the opportunity to take advantage of a special Aligned Meeting and SOCCA Focus on Critical Care Day on Saturday, April 28, complimentary as part of their registration fee. Thought leaders in 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.

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.

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.

For more information on the Aligned Meeting Day, visit bit.ly/18SOCCA-AMD

SOCCA Focus on Critical Care Day at the IARS 2018 Annual Meeting and International Science Symposium



Saturday, April 28

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 ICUs. Our patients may be acutely deteriorating on a non-monitored floor or being evaluated in an emergency department. 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 acute respiratory distress syndrome (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.

For more information on the SOCCA Focus on Critical Care Day, visit bit.ly/18SOCCA-AMD

Scholars' Program • Friday, April 27 – Saturday, April 28

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.

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.



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 and 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, Laureen Hill, Manoj M. Lalu, 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

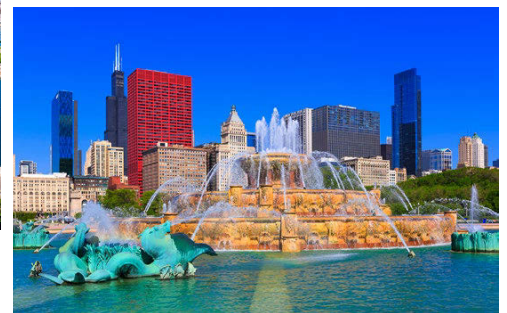
From the Editor's Desk: A No-Nonsense Guide to Successful Publication

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.

For more information on the Scholars' Program, visit bit.ly/SOCCAAscholars

Register by Thursday, February 22 and Save on the SOCCA 2018 Annual Meeting and Critical Care Update!



Visit socca.org to register and for more information.



REGISTRATION FORM

SOCCA 2018 Annual Meeting and Critical Care Update

April 27, 2018 • Hyatt Regency Chicago • Chicago, Illinois

Register Today at www.socca.org

First Name _____ Last Name _____

MD DO PhD Other _____ Organizational Title _____

Institution / Organization _____

Mailing Address Home Work _____

City _____ State / Province _____ Postal Code _____ Country _____

Phone Home Work Cell _____ Email: _____

Special Services Required – Please specify: _____

MEMBER REGISTRATION FEES	EARLY <small>Rec'd by 2/22</small>	ONLINE <small>Rec'd 2/23-4/12</small>	ONSITE <small>Rec'd 4/26-4/27</small>	AMOUNT
<input type="checkbox"/> Member General Registration	\$185	\$235	\$260	
<input type="checkbox"/> Member Scholar (Please select level) <input type="checkbox"/> Fellow <input type="checkbox"/> Resident <input type="checkbox"/> Student	\$ 75	\$ 75	\$100	
<input type="checkbox"/> Non-Member General Registration	\$335	\$385	\$410	
<input type="checkbox"/> Non-Member Scholar (Please select level) <input type="checkbox"/> Fellow <input type="checkbox"/> Resident <input type="checkbox"/> Student	\$125	\$125	\$150	

Aligned Meeting Day: Saturday, April 28
Seating is limited. The IARS Aligned Meeting Sessions require pre-registration and are included with the SOCCA registration fee. Note: If you are planning on registering for the full IARS Annual Meeting, you do not need to select the Aligned Meeting Day Sessions here. Please register for them with your IARS meeting registration.

	Fees	Amount
IARS Aligned Meeting Day Sessions: Saturday, April 28		
<input type="checkbox"/> Opening General Session and T.H. Seldon Memorial Lecture: <i>Personalizing Health Care in the Era of Big Data</i> 7:30 am – 9:00 am		
<input type="checkbox"/> Symposium: AUA: Mitochondria and Bioenergetics in Health and Disease: <i>It's Not Just A Power Failure!</i> 9:30 am – 12:00 pm		
<input type="checkbox"/> Problem-Based Learning Discussion-05: AUA: Why Study Time Doesn't <i>Always Lead to Learning: How Do We Help the Struggling Trainee?</i> 12:00 pm – 1:00 pm	\$0	\$0
<input type="checkbox"/> Problem-Based Learning Discussion-10: AUA: Getting to the Heart of the <i>Matter: Perioperative Focused Cardiac and Pulmonary Ultrasound, and The Hemodynamically Unstable Patient</i> 4:00 pm – 5:00 pm		
<input type="checkbox"/> IARS, AUA and SOCCA Alignment Reception 6:00 pm – 7:30 pm		

SOCCA Focus on Critical Care Day Sessions: Saturday, April 28		
<input type="checkbox"/> Problem-Based Learning Discussion-02: SOCCA: To Intubate or Not: <i>Management of Post-Operative Acute Respiratory Failure</i> 9:30 am – 10:30 am		
<input type="checkbox"/> Review Course Lecture-01: SOCCA: The Tele-Vision: <i>Taking Care to the Patient and Expanding the Scope of the Intensivist</i> . . . 11:15 am – 12:00 pm		
<input type="checkbox"/> Problem-Based Learning Discussion-07: SOCCA: The Sweet Escape: <i>A Complicated Case of DKA</i> 2:00 pm – 3:00 pm		
<input type="checkbox"/> Problem-Based Learning Discussion-11: SOCCA: Perioperative Renal <i>Replacement Therapy for the Anesthesiologist: Does It Make a Difference?</i> 4:00 pm – 5:00 pm	\$0	\$0
<input type="checkbox"/> Review Course Lecture-06: SOCCA: Heart Failure with Preserved Ejection <i>Fraction (HFpEF) as a Perioperative Risk Factor.</i> 5:00 pm – 5:45 pm		
Plus, Bonus Focus on Critical Care Session: Sunday, April 29		
<input type="checkbox"/> Panel-21: SOCCA: 50 Years of ARDS: An Update 4:00 pm – 5:30 pm		

(continued)

REGISTRATION FORM

Scholars' Program: Friday, April 27 - Saturday, April 28

Seating is limited. Pre-registration and a non-refundable \$50.00 fee is required. All sessions, the reception, breakfast and lunch are included with the fee.

	Fees	Amount
Scholars' Program Select sessions you will be attending during the Scholars' Program below: <input type="checkbox"/> Friday, April 27, 6:00 pm – 7:00 pm.....IARS, AUA, SOCCA and eSAS Mentor-Trainee Reception <input type="checkbox"/> Saturday, April 28, 6:15 am – 7:15 amBreakfast with IARS, AUA and SOCCA Leadership and Mentors <input type="checkbox"/> Saturday, April 28, 9:30 am – 12:15 pm 2:15 pm – 6:10 pm.....Education Sessions (See Preliminary Program page 16 for session details.) <input type="checkbox"/> Saturday, April 28 12:30 pm – 2:00 pmLunch Session: Resilience Personified: Transitioning from Trainee to Junior Faculty and Beyond	\$50	
TOTAL		

MENTOR A SCHOLAR

I would like to volunteer to mentor a Scholar (Early-Stage Anesthesiologist, Fellow, Post-Doc, Resident, Medical Student) at the IARS, AUA and SOCCA Annual Meetings.

SIGN UP FOR A MENTOR

I am a Scholar (Early-Stage Anesthesiologist, Fellow, Post-Doc, Resident, Medical Student) and would like to sign-up for a mentor at the IARS, AUA and SOCCA Annual Meetings.

METHOD OF PAYMENT (U.S. dollars)

Check payable to SOCCA (U.S. funds) enclosed. Please charge my: VISA MASTERCARD AMERICAN EXPRESS DISCOVER

Cardholder Name _____

Credit Card # _____ EXP _____ CWV _____

Signature _____

- To receive the discounted, early registration rate, SOCCA must **receive your registration and payment by Thursday, February 22, 2018.**
- **Pre-registration ends on Thursday, April 12, 2018.** After this date, you may register onsite in Chicago, Illinois.
- Register online at www.socca.org or mail the completed form and your payment in U.S. funds to the following address:
Orchid.Events, 175 S West Temple, Suite 30, Salt Lake City, UT, 84101.

ANNUAL MEETING REGISTRATION CANCELLATION POLICY

All cancellations to meeting registrations must be submitted in writing by email: iarsmeeting@orchid.events or fax: 801-355-0250.

Registrations canceled on or before **Thursday, April 12, 2018**, will be refunded, less a \$50 processing charge.

Registration fees will not be refunded if canceled after **Thursday, April 12, 2018.**

Early Registration Deadline: Thursday, February 22, 2018
For more information and program updates, visit socca.org.

Register by Thursday, February 22, and Save!

SOCCA 2018 Annual Meeting and Critical Care Update Friday, April 27, 2018 • Chicago, Illinois

Explore current practices and discuss cutting-edge topics with the leading educators and researchers in critical care anesthesiology. Plus, stay an extra day for the IARS Aligned Meeting and SOCCA Focus on Critical Care Day on Saturday, April 28.

SOCCA 2018 Annual Meeting and Critical Care Update • Friday, April 27

- Breakfast Panel: Emerging Practice Paradigms in Critical Care Practice
- Education Session I: Metabolic Support for the Postoperative Patient in the ICU
- Education Session II: Enhancing Recovery from Critical Illness and Life Thereafter
- Education Session III: Wellness for the Anesthesiologist-Intensivist
- Education Session IV: Innovative Uses of Ultrasound in the ICU
- Lifetime Achievement Award Presentation
- Young Investigator Awards Presentation
- Moderated Poster Discussion Session

IARS Aligned Meeting and SOCCA Focus on Critical Care Day • Saturday, April 28

Opening General Session and T.H. Seldon Memorial Lecture: Personalizing Health Care in the Era of Big Data

Symposium: AUA: Mitochondria and Bioenergetics in Health and Disease: It's Not Just A Power Failure!

Review Course Lectures:

- The Tele-Vision: Taking Care to the Patient and Expanding the Scope of the Intensivist
- Heart Failure with Preserved Ejection Fracture (HFpEF) as a Perioperative Risk Factor

Problem-Based Learning Discussions:

- To Intubate or Not: Management of Post-Operative Acute Respiratory Failure
- The Sweet Escape: A Complicated Case of DKA
- Perioperative Renal Replacement Therapy for the Anesthesiologist: Does It Make a Difference?

Plus, A Bonus SOCCA Focus on Critical Care Session • Sunday, April 29

Panel: 50 Years of ARDS: An Update

