

SOAP 51st Annual Meeting

Improving Maternal Outcomes: High Impact Strategies for Change

May 1–5, 2019

JW Marriott Phoenix Desert Ridge Resort and Spa • Phoenix, Arizona



Join Us!

On behalf of the SOAP Board of Directors and the 2019 Annual Meeting Planning Committee, **we are delighted to invite you to the Society for Obstetric Anesthesia and Perinatology (SOAP) 51st Annual Meeting at the J.W. Marriott Phoenix Desert Ridge Resort and Spa in sunny Phoenix, Arizona (May 1-5, 2019).**

Educational Program:

This meeting is dedicated to **Improving Maternal Outcomes: High Impact Strategies for Change**, bringing you the latest techniques, guidelines and research.

Our pre-meeting workshops offer great opportunities for skill building for any level of training. Hands on workshops feature a wide array of ultrasound applications, professional development in leadership, and team training! Dr. Carolyn Weiniger will deliver the annual, highly anticipated "Gerard W. Ostheimer - What's New in Obstetric Anesthesia?" lecture and Dr. Jose Carvalho will be giving the always engaging Fred Hehre Lecture. Emerging research will be highlighted in our Gertie Marx Research Competition, Best Paper Session and oral poster presentations. New this year, we present several multi-disciplinary panels to discuss the coordination of care for some of the sickest patients. We will have a special guest appearance by Stephanie Arnold, bestselling author of the book *"37 Seconds"* about her personal experience with a near fatal amniotic fluid embolism.

For those looking for brief, clinically focused, refresher lectures, join us Saturday, May 4th for the **Clinical Track**. These lectures feature 25-minute overviews of how to treat pregnant patients with Maternal Hemorrhage, Substance Use Disorders, Postdural Puncture Headache and Controversial Topics with Emerging Data.

Trainees can take advantage of our **"Find a Mentor"** program where residents can pair with more senior SOAP members to learn more about our wonderful specialty.

Lunch time offers several exciting options this year. Sign up for one of our **Lunch and Learn** sessions, where you can have a meal while engaging in case-based learning. If you are interested in networking with SOAP Board members and colleagues, sign up for the **Lunch Around** in the Stonegrill. Space is limited in these and the other organized lunch options, so be sure to sign up.

Recreational Offerings:

There will be plenty of time to enjoy the luxurious amenities of the J.W. Marriott Phoenix Desert Ridge Resort and Spa during our "free" (unscheduled) Friday afternoon and between sessions. There is something for everyone in the family! The hotel features five pools, including a lazy river and waterslide with food and drinks available within steps. Golf enthusiasts will enjoy the Wildfire Golf Club with its two professional golf courses (Palmer Signature Course and the Faldo Championship) and mountain views. Be sure to register for our Friday afternoon golf outing!

Visit the 28,000 square foot Revive Spa which boasts 41 treatment rooms, a private outdoor bistro and sanctuary pool area with a backdrop of the majestic mountains of the Sonora Desert. A state-of-the-art fitness center hosts classes in cycling, yoga, strength training and Tai Chi that will help you stay balanced and energized during your stay. Enjoy outdoor tennis courts, jogging, fitness trails and bike rentals or experience Pickleball, a sport that combines badminton, tennis and table tennis. In addition, the property has a **JW Kids Camp** daily that offers arts and crafts, desert adventures, sports and trivia for your little ones.

Explore local attractions in nearby Scottsdale or Cave Creek, where you can find western style goods with great dining options. The Desert Ridge Marketplace is also within walking distance from the hotel. Take some time to visit the amazing Musical Instruments Museum (MIM), which houses North America's largest collection of musical instruments just five minutes from the hotel.

Of course, don't miss our **Opening Reception at the J.W. Marriott Ballroom Lawn on Wednesday, May 1st** (admission is included in the registration fees). Then join friends again on the **evening of Saturday, May 4th** at the local eatery **High and Rye** for a more relaxed and casual banquet featuring upscale comfort food, craft cocktails, beers and dancing with a DJ.

Come for the meeting, but save time to enjoy Phoenix at its best! We look forward to welcoming you to the 51st Annual Meeting - one you won't want to miss!

Sincerely,
Lisa R. Leffert, M.D. & Heather C. Nixon, M.D.

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Program Information

Mission Statement

The Society for Obstetric Anesthesia and Perinatology (SOAP) was founded in 1968 to provide a forum for discussion of problems unique to the peripartum period. SOAP is comprised of anesthesiologists, obstetricians, pediatricians, and basic scientists who share an interest in the care of the pregnant patient and the newborn.

The mission of this Society is to improve the pregnancy-related outcomes of women and neonates through the support of obstetric anesthesiology research, the provision of education to its members, other providers, and pregnant women, and the promotion of excellence in clinical anesthetic care.

A membership in SOAP is an opportunity to meet people who share your interests, and to stimulate improvements in health care for pregnant patients.

ACCME Accreditation and Designation Statements

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 American Society of Anesthesiologists and the Society for Obstetric Anesthesia and Perinatology. The American Society of Anesthesiologists is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Anesthesiologists designates this live activity for a maximum of **34.25 AMA PRA Category 1 Credit™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*This amount includes the optional workshops.

Maintenance of Certification in Anesthesiology Program® and MOCA® are registered certification marks of The American Board of Anesthesiology®



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This patient safety activity helps fulfill the patient safety CME requirement for Part II of the Maintenance of Certification in Anesthesiology Program (MOCA) of The American Board of Anesthesiology (ABA). Please consult the ABA website, www.theABA.org, for a list of all MOCA requirements.

Statement of Need

The SOAP Annual Meeting provides a forum devoted exclusively to obstetric anesthesia at which leaders in the field present the most current research, recent clinical updates and other relevant clinical information.

Target Audience

The SOAP 51st Annual Meeting is intended for anesthesiologists, obstetricians, neonatologists, obstetric medicine specialists, maternal-fetal medicine specialists, residents, fellows, medical students, Certified Registered Nurse Anesthetists (CRNA) and Certified Anesthesiologist Assistants (CAA). The Society supports the attendance by associate members in the educational sessions of the annual meeting. The program is generated from member requests and an assessment of need by the Program Committee. Attendance at this meeting does not guarantee competency or proficiency in the performance of any procedures which may be discussed or taught during the course.

Mission of SOAP Program Committee

The mission of the Society's Program Committee is to provide anesthesiologists, obstetricians, and other physicians and members of related allied health specialties with the knowledge that will reinforce past learning as well as disseminate new concepts, practices, and skills involving anesthesia and analgesia for the pregnant woman.

Participation in the SOAP 51st Annual Meeting

Attendance shall be open to all health practitioners, provided that they have registered for the meeting. CME credit will only be offered to M.D.s, D.O.s or equivalent.

Educational Format

CME activities may include the following formats: plenary sessions, debates, lectures, poster discussions, oral abstracts, problem-based learning, and skill-set workshops.

Annual Meeting Objectives

At the completion of this conference the participants should be able to:

1. Assess the risk factors, racial disparities and preemptive care related to pregnant women with major co-morbid cardiac, neurologic, and hematologic disease to design optimal peridelivery anesthetic care
2. Utilize the latest evidence on patient outcomes and novel regional anesthesia techniques to optimize the perioperative pain management after cesarean delivery
3. Analyze case management strategies of high risk parturients to develop optimal labor analgesia care strategies
4. Model interdisciplinary team approaches to the care of complex pregnant and postpartum patients that can be utilized in a variety of care settings
5. Elevate readiness of one's home institution to undertake the broadest reasonable range of maternal and perinatal care given available resources and personell.

Special Needs Statement

The American Society of Anesthesiologists and the Society for Obstetric Anesthesia and Perinatology are committed to making its activities accessible to all individuals and fully comply with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If you are in need of an accommodation, please do not hesitate to call the SOAP office at (414) 389-8611 and/or submit a description of your needs in writing to info@soap.org.

Commercial Support Acknowledgement

This activity is supported by in-kind donations. A complete list of supporters will be available in the course syllabus.

Disclosure Policy

The American Society of Anesthesiologists remains strongly committed to providing the best available evidence-based clinical information to participants of this educational activity and requires an open disclosure of any potential conflict of interest identified by our faculty members. It is not the intent of the American Society of Anesthesiologists to eliminate all situations of potential conflict of interest, but rather to enable those who are working with the American Society of Anesthesiologists to recognize situations that may be subject to question by others. All disclosed conflicts of interest are reviewed by the educational activity course director/ chair to ensure that such situations are properly evaluated and, if necessary, resolved. The American Society of Anesthesiologists educational standards pertaining to conflict of interest are intended to maintain the professional autonomy of the clinical experts inherent in promoting a balanced presentation of science. Through our review process, all American Society of Anesthesiologists CME activities are ensured of independent, objective, scientifically balanced presentations of information. Disclosure of any or no relationships will be made available for all educational activities.

Instructions on How to Receive Credit

In order to receive credit, participants must sign-in to the ASA Education Center, review the meeting information and complete the evaluation. Further instructions will be emailed to each participant immediately prior to and after the activity.

Disclaimer Statement

The information provided at this accredited 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.

Anti-Harassment Policy

To abide by our new anti-harassment policy in all venues at the SOAP Annual Meeting, including ancillary events and official and unofficial social gatherings:

- Exercise consideration and respect in your speech and actions.
- Refrain from demeaning, discriminatory, or harassing behavior and speech.
- Be mindful of your surroundings and of your fellow participants.

Session Descriptions

Panel - The Role of Truncal Blocks to Optimize Cesarean Delivery Analgesia

A multi-modal approach to treat pain and reduce opioid use following cesarean delivery is important. The session will describe and outline truncal blocks that could be utilized to provide analgesia in the cesarean setting. Terminology, anatomy, indications and limitations of truncal blocks, as well as the evidence for improved cesarean delivery analgesia with transversus abdominis plane and quadratus lumborum blocks will be discussed.

Best Case Reports - You Did What?

This will be a presentation of 10 of the most highly ranked abstracts as determined by the SOAP Education Committee scoring process. It will be representative of a wide range of topics from various institutions. There will be author and audience participation.

Best Paper Session

Presentation of obstetric anesthesia research judged by peers as the best quality research currently taking place, moderated by Dr. Jill Mhyre and Dr. Arvind Palanisamy. A question and answer period will be included. This is a judged competition.

Faculty Case Report Posters

This Sunday session will feature some of the most challenging and captivating case presentations of difficult clinical situations. You are sure to learn as our presenters describe how they approached the care of these unique parturients.

Fred Hehre Lecture: Dogmas in Obstetric Anesthesia: The Balance Between Evidence, Common Sense, Habit and Fear

Some practices in Obstetric Anesthesia lack sufficient evidence to support them. They are based on a mix of insufficient evidence (or lack thereof), common sense, habit and fear. Some of them, while meant to preserve patient safety, may unnecessarily prevent ideal patient care. The identification of such practices and a pragmatic discussion of their roots and assessment of their risk/benefit may offer opportunities to revisit them and eventually promote changes that may benefit patients.

Gerard W. Ostheimer Lecture - What's New in Obstetric Anesthesia?

Always a highlight of the meeting, the Gerard W. Ostheimer lecture is a review of important, relevant, and/or practice-changing literature related to obstetric anesthesia, obstetrics, perinatology, and allied medical disciplines that was published in calendar year 2018. This year's Ostheimer lecturer will be Dr. Carolyn Weiniger. This presentation will bring you up to date on the latest evidence-based advances in the anesthetic management of pregnant women.

Gertie Marx Research Competition

In memory of Gertie Marx, this session is a presentation of obstetric anesthesia research judged by peers as the best quality research done by medical students, residents, and fellows. This is a judged competition, moderated by Dr. Philip Hess.

Interdisciplinary Panel - Cardiac Disease

In the care of pregnant women with cardiac disease, the importance of seamless multidisciplinary management cannot be overemphasized. This highly interactive and entertaining panel of experts in cardiac disease in pregnancy will share the perspectives of the cardiologist, the maternal fetal medicine specialist and the cardiovascular and obstetric anesthesiologist as we work through the challenges of caring for pregnant women with cardiac disease.

It's All in Her Head: Approaches to the Anesthetic Management of Pregnant Women with Intracranial Disease

This multidisciplinary panel will utilize a case-based approach to discuss intracranial disease in the parturient. Panelists will discuss how the physiologic changes of intracranial disease interact with pregnancy with specific considerations for anesthetic planning for both obstetric and neurologic care.

Oral Presentations

Oral presentations of high quality peer-reviewed scientific research related to obstetric anesthesia will be presented, followed by a question and answer session.

Research Hour - Defining, Evaluating and Influencing Recovery After Cesarean Delivery

There has been increased interest in qualitative and quantitative measurements of recovery following surgery. The panel will discuss key metrics and available recovery scores that can be used to evaluate and track recovery after cesarean delivery. A recently developed obstetric-specific recovery tool, the ObsQoR-10, will be presented. Maternal and neonatal factors that can improve recovery after cesarean delivery will also be outlined in this session.

Resident/Fellow Case Presentations

This evening session is designed to give our trainees an opportunity to participate in the annual meeting by presenting interesting cases from their home institutions. Come support our junior members during this exciting question and answer session regarding some challenging clinical scenarios. Each session will be judged and top presenters will be given awards.

Scientific Poster Summaries

This session will highlight the most impactful abstracts relevant to obstetric anesthesia practice.

Society for Maternal-Fetal Medicine (SMFM) - What's New in Obstetrics?

Maternal mortality is on the rise, and sepsis remains a major contributor. The pregnant patient poses many challenges that can be managed with a better understanding of the physiologic changes seen in both the mother and the fetomaternal interface. We will discuss how pregnancy impacts the diagnosis and management of sepsis and a step-wise approach to treating the dyad of mother and fetus. We will also focus on potential issues and complications that can present with this particular population.

Special Lecture: Patient Perspectives

This session will highlight patient perspectives on the labor and delivery experience. A highlight will be the participation of Stephanie Arnold, the author of "37 Seconds", her personal account of a near fatal amniotic fluid embolus. The impact of intrapartum and childhood trauma on the birth experience and beyond will be addressed with guidance on strategies for optimal care.

What's New in Neonatology?

Dr. Alan Bedrick, professor and division chief of neonatology at the Department of Pediatrics at the University of Arizona College of Medicine – Tucson, will present an update on recent developments in neonatal medicine.

Why Should You Care About Maternal Levels of Care?

This session will focus on two important initiatives aimed at improving obstetrical care in the US: the designation of ACOG levels of maternal care and of SOAP Centers of Excellence for Anesthesia Care of Obstetric Patients. Both efforts will be described in detail, with particular focus on elements of relevance to practicing obstetric anesthesiologists.

Session Descriptions

Clinical Track

Drug Shortages: What Can I Do For My Patients?

This drug shortage overview will address recent increases in shortages and potential alternative dosing strategies for obstetric patients. In addition, AHSP guidelines for mitigating impact of drug shortages and partnering with pharmacy will be reviewed.

Management of Neuraxial Labor Analgesia

This lecture will describe useful updates for management of neuraxial labor analgesia including various procedural techniques, maintenance of analgesia with infusion pumps, and options for labor analgesia after accidental dural puncture occurs.

My Two Cents - Controversial Topics

Robust differences exist in clinical analgesia management! Does a dural puncture (i.e., CSE or dural puncture epidural) add worthy value or unjustified risk to a labor epidural technique? Similarly, in a fully dilated parturient in pain, what should be given through the existing epidural catheter? Nothing? Local Anesthetic? Opioid? What's the evidence?

Obstetric Hemorrhage

This lecture will summarize current clinical approaches to the prevention and management of postpartum hemorrhage.

Post Dural Puncture Headache

A review of post dural puncture headache risk factors, pathophysiology, and treatment as relates to the obstetric patient in a refresher course lecture format.

Substance Use Disorder

This lecture summarizes evolving knowledge regarding adverse maternal, fetal, and neonatal effects of opioid exposure during pregnancy, and current treatment options for opioid use disorder (OUD). Maternal and fetal implications of maternal opioid maintenance with methadone and buprenorphine are described. Finally, acute and chronic pain management strategies in opioid-tolerant parturients are reviewed.

Optional Lunch Sessions

Problem-Based Learning Discussion - Management of the Obese Parturient

(limited to 30 attendees)

Additional fee: \$90

Thursday, May 2, 2019 • 12:15 p.m. - 1:15 p.m. (Lunch Included)

Speakers: Jaime Daly, M.D.; Vilma E. Ortiz, M.D.

The goal of this session is to summarize recent findings on the physiologic alterations posed by maternal obesity and implications for the anesthetic care of mother and infant. Understanding the association between obesity and maternal morbidity and mortality is critically important especially as obesity rates continue to rise nationally and globally.

Rivanna Lunch Session: Neuraxial Placements in Challenging Patient Populations Using the Accuro® Handheld Spinal Navigation Device

(limited to 100 attendees) Non-CME Session

Thursday, May 2, 2019 • 12:15 p.m. - 1:15 p.m.

Speakers: Brendan Carvalho, M.B.B.Ch., F.R.C.A., M.D.C.H.; Peter Pan, M.D., M.S.E.E.; Rebecca Minehart, M.D., M.S.H.P.Ed.

This sponsored lunch session is intended for anesthesia providers interested in new techniques for placement of neuraxial anesthesia in challenging patient populations. The distinguished panel of speakers will review clinical trial results and first-hand experiences with a new handheld neuraxial guidance product, called Accuro. Live human model scanning with Accuro will be available in the exhibitor hall throughout the meeting.

Registration must be completed through Rivanna:

<https://rivannamedical.com/soap-session/>.

NEW THIS YEAR - Lunch Around

Thursday, May 2, 2019 • 12:15 p.m. - 1:15 p.m.

Join some of the SOAP Board of Directors and other SOAP members at the JW Marriott Desert Ridge's own Stonegrill restaurant for a networking opportunity. This will provide a great opportunity to talk about how to get more involved in SOAP! Space is limited and attendees will be able to sign up at the SOAP Registration Desk during the Annual Meeting. *Lunch will be purchased by each individual, if they are interested.*

Lunch Lesson: Adjuncts in Postpartum Hemorrhage - How Do We Use Them?

(limited to 30 attendees)

Additional fee: \$90

Saturday, May 4, 2019

12:30 p.m. - 1:30 p.m. (Lunch Included)

Speakers: Alexander Butwick, M.B.B.S., M.S., F.R.C.A.; Jennifer E. Hofer, M.D.

Despite increased knowledge of post-partum hemorrhage, the incidence is rising. The risk of severe PPH increases as the fibrinogen concentration decreases. Early recognition of hemorrhage through quantification of blood loss and laboratory testing can facilitate early therapeutic intervention to minimize maternal morbidity. Administration of uteronic agents and other pharmacologic adjuncts, in addition to adherence to a protocol-based approach to managing hemorrhage, can decrease blood product utilization and improve outcomes.

Save the Date

2020 SOAP 52nd Annual Meeting

May 13-17, 2020

Halifax Convention Centre

Halifax, Nova Scotia, Canada

Room Blocks Arranged at:

- The Sutton Place Hotel Halifax (Headquarters Hotel)
- Prince George Hotel

Session Descriptions

Morning Optional Workshops

The Use of Ultrasound in Obstetric Anesthesia Workshop: Vascular Access, Neuraxial Anesthesia, TAP Block, Airway and Gastric Assessment

(limited to 45 attendees)

Additional fee: \$295

Wednesday, May 1, 2019 • 8:00 a.m. - 12:00 p.m.

Course Director: Jose C.A. Carvalho, M.D., Ph.D., FANZCA, FRCPC

Faculty: Cristian Arzola, M.D., M.Sc.; Mrinalini Balki, M.B., B.S., M.D.; Ricardo Bittencourt, M.D., M.B.A.; Thomas Drew, M.D.; Alejandro Jankelevich, M.D.; Gayani Jayasooriya, M.B., B.S., B.Sc., F.R.C.A.; Brinda Kamdar, M.D.; Clarita B. Margarido, M.D., Ph.D.; Albert Moore, M.D., FRCPC; Naveed T. Siddiqui, M.D., M.Sc.; Eliane C S Soares, M.D.; Chiraag Talati, M.B.B.S, B.Sc. (Hons), F.R.C.A.; Paul M. Wiecek, M.D., FRCPC; Paul Zakus, M.D., FRCPC

Our popular ultrasound workshop is back! This session consists of five mini-lectures followed by five stations for hands-on experience on human volunteers. This workshop will teach the participants ultrasound skills that may significantly impact their clinical practice. Again this year, we are including a station for airway assessment focusing on the identification of the cricothyroid membrane by ultrasound, which is critically important in patients with difficult airway landmarks.

Make or Break Leadership Lessons for Labor and Delivery Workshop

Additional fee: \$195

Wednesday, May 1, 2019 • 8:00 a.m. - 12:00 p.m.

Course Directors: Grant C. Lynde, M.D., M.B.A.; Robert R. Gaiser, M.D.; McCallum R. Hoyt, M.D., M.B.A.; Mahesh Vaidyanathan, M.D., M.B.A., B.S.

What are some of the most challenging leadership decisions that have been made by your leaders? Whether it's understanding the financial impact of staffing, ways to improve a division's quality of care, or making the difficult choices when the buck stops with you, we all benefit from learning from other's experiences. Come to the Make or Break Leadership Lessons for L&D workshop to hear from four SOAP members about how they tackled these difficult situations.

Afternoon Optional Workshops

Focused Cardiac Ultrasound in the Management of the High Risk Parturient Workshop

(limited to 32 attendees)

Additional fee: \$295

Wednesday, May 1, 2019 • 1:00 p.m. - 5:00 p.m.

Course Director: Laurie Chalifoux, M.D.

Faculty: Jennifer Banayan, M.D.; Jacqueline M. Galvan, M.D.; Rachel M. Kacmar, M.D.; Hokuto Nishioka, M.D.; Clemens M. Ortner, M.D., M.S.; Cesar Padilla, M.D.; Mahesh Vaidyanathan, M.D., M.B.A., B.S.; Anasuya Vasudevan, M.B., B.S., M.D., F.R.C.A.

Specifically tailored to the anesthesiologist with little or no prior experience, this workshop consists of a short didactic session followed by a hands-on workshop with volunteers to familiarize the participant with the use of bedside transthoracic echocardiography to assess volume status and cardiac function.

Becoming the Best Version of Ourselves: Overcoming Challenges with Resilience and Connection Workshop

Additional fee: \$195

Wednesday, May 1, 2019 • 1:00 p.m. - 5:00 p.m.

Course Director: Grace H. Shih, M.D.

Faculty: Sumita Bhambani, M.D.; Stephanie I. Byerly, M.D.; Barbara Orlando, M.D.; Stephen Pratt, M.D.; Lawrence C. Tsen, M.D.

This workshop will focus on wellness in the healthcare provider to improve quality and safety. How do we navigate the landscape when there is an adverse outcome? How do we conduct briefings around critical events? How do we take care of ourselves as the second victim? What are some techniques for us to become more resilient so that we can be the best version of ourselves for ourselves, our families and our patients.

(ABA Part 2 MOCA Patient Safety Credit)

Obstetric Anesthesia Crisis Resource Management Course

(limited to 20 attendees)

Additional fee: \$295

Wednesday, May 1, 2019 • 1:00 p.m. - 5:00 p.m.

Course Directors: Rebecca D. Minehart, M.D., M.S.H.P.Ed.; Erik M. Clinton, M.D.

The focus of this simulation course will be on improving crisis resource management team and leadership skills in the obstetric setting, including event management, improved communication (directed, closed-loop and encouraging/inviting speaking-up), and clinical management of three uncommon but challenging obstetric emergencies. Experienced simulation instructors will facilitate deeper conversations focusing on both medical management and best teamwork principles. Participants will learn a new crisis management paradigm to bring forward into their practices for effective and efficient team organization.

3rd Annual Chinese Symposium on Obstetric Anesthesia

Complimentary

Wednesday, May 1, 2019 • 1:00 p.m. - 5:00 p.m.

Course Director: Jie Zhou, M.D., M.S., M.B.A.

Once again, the Chinese American Symposium 2019 on Obstetric Anesthesia (CASOA 2019) will be hosted within the SOAP 2019 program. The program features the cultural and historical reviews of the labor analgesia and anesthesia practice in both China and the United States. The guest speakers will enlighten you with the what Chinese anesthesiologists are faced with a drastically changing society. The abandonment of the one-child policy gives hope to many families who wish to have a second child. However, it also challenges the anesthesiologists and obstetricians with surprising increased numbers of morbidly adherent placentas. Despite the remarkable improvement of its country's economic development, medical disparity largely exists, given the extensive geographical area and cultural variance. Speakers will bring you up to date on the innovative approaches that Chinese anesthesiologists and obstetricians have achieved, as well as the new opportunities. Presentations will be in both English and Chinese to accommodate participants from different countries. CASOA 2019 will be held in the afternoon of Wednesday May 1, 2019 at the JW Marriott Phoenix Desert Ridge Resort.

Program Schedule

Wednesday, May 1, 2019

7:30 a.m. - 6:00 p.m.
Registration Hours

8:00 a.m. - 12:00 p.m.
Make or Break Leadership Lessons for Labor and Delivery Workshop
Course Directors: Grant C. Lynde, M.D., M.B.A.; Robert R. Gaiser, M.D.; McCallum R. Hoyt, M.D., M.B.A.; Mahesh Vaidyanathan, M.D., M.B.A., B.S.

8:00 a.m. - 12:00 p.m.
The Use of Ultrasound in Obstetric Anesthesia Workshop: Vascular Access, Neuraxial Anesthesia, TAP Block, Airway and Gastric Assessment
Course Director: Jose C.A. Carvalho, M.D., Ph.D., FANZCA, FRCPC

1:00 p.m. - 5:00 p.m.
Focused Cardiac Ultrasound in the Management of the High Risk Parturient Workshop
Course Director: Laurie A. Chalifoux, M.D.

1:00 p.m. - 5:00 p.m.
Becoming the Best Version of Ourselves: Overcoming Challenges with Resilience and Connection Workshop
Course Director: Grace H. Shih, M.D.

1:00 p.m. - 5:00 p.m.
Obstetric Anesthesia Crisis Resource Management Course
Course Directors: Rebecca D. Minehart, M.D., M.S.H.P.Ed.; Erik M. Clinton, M.D.

1:00 p.m. - 5:00 p.m.
Chinese Symposium on Obstetric Anesthesia
Course Director: Jie Zhou, M.D., M.S., M.B.A.

6:00 p.m. - 8:00 p.m.
Welcome Reception

Thursday, May 2, 2019

6:30 a.m. - 5:00 p.m.
Registration Hours

6:30 a.m. - 7:45 a.m.
Continental Breakfast & Exhibits Open

6:30 a.m. - 7:45 a.m.
Poster Viewing

7:30 a.m. - 7:45 a.m.
Welcome to the 51st Annual Meeting
Lisa R. Leffert, M.D.; Heather C. Nixon, M.D.; Mark I. Zakowski, M.D., FASA

7:45 a.m. - 9:15 a.m.
Gertie Marx Research Competition
Moderator: Philip E. Hess, M.D.

9:15 a.m. - 9:30 a.m.
Distinguished Service Award
Recipient: Richard M. Smiley, M.D., Ph.D.
Presenter: Ruth Landau, M.D.

9:30 a.m. - 10:15 a.m.
Coffee Break & Exhibits

9:30 a.m. - 10:15 a.m.
Scientific Poster Session #1
Moderator Leader: Meredith A. Albrecht, M.D., Ph.D.

10:15 a.m. - 11:15 a.m.
Society for Maternal-Fetal Medicine (SMFM) - What's New in Obstetrics?
Introduction: Lisa R. Leffert, M.D.
Speaker: Alexandria J. Hill, M.D.

11:15 a.m. - 12:15 p.m.
Panel - The Role of Truncal Blocks to Optimize Cesarean Delivery Analgesia
Moderator: Ruth Landau, M.D.
Speakers: Brendan Carvalho, M.B.B.Ch., FRCA, M.D.C.H.; Ki Jinn Chin, FRCPC

12:15 p.m. - 1:15 p.m.
Lunch On Your Own

12:15 p.m. - 1:15 p.m.
Problem-Based Learning Discussion - Management of the Obese Parturient
Speakers: Jaime Daly, M.D.; Vilma E. Ortiz, M.D.

12:15 p.m. - 1:15 p.m.
Rivanna Lunch Session: Neuraxial Placements in Challenging Patient Populations Using the Accuro® Handheld Spinal Navigation Device (Non-CME Session)
Speakers: Brendan Carvalho, M.B.B.Ch., F.R.C.A., M.D.C.H.; Peter Pan, M.D., M.S.E.E.; Rebecca Minehart, M.D., M.S.H.P.Ed.

12:15 p.m. - 1:15 p.m.
Lunch Around - Sign up at Registration Desk, Space Limited to 20.

1:15 p.m. - 2:55 p.m.
Scientific Poster Session #2
Moderator Leaders: Rachel M. Kacmar, M.D.; Elizabeth Lange, M.D.

1:15 p.m. - 2:55 p.m.
Visit Exhibits

3:00 p.m. - 4:00 p.m.
Research Hour - Defining, Evaluating and Influencing Recovery After Cesarean Delivery
Moderator: Brendan Carvalho, M.B.B.Ch., FRCA, M.D.C.H.
Speakers: Ashraf S. Habib, M.B., B.Ch., M.Sc., M.S.N., FRCA; Pervez Sultan, M.D., M.B., Ch.B., FRCA

4:00 p.m. - 5:00 p.m.
Oral Presentations I
Moderator: Michaela K. Farber, M.D., M.S.; Grace Lim, M.D., M.Sc.

Friday, May 3, 2019

6:15 a.m. - 7:15 a.m.
Fitness Activity: Boot Camp

6:30 a.m. - 5:00 p.m.
Registration Hours

6:30 a.m. - 7:30 a.m.
Continental Breakfast & Exhibits Open

6:30 a.m. - 7:30 a.m.
Poster Viewing

7:25 a.m. - 7:30 a.m.
Opening Remarks
Lisa R. Leffert, M.D.

7:30 a.m. - 9:00 a.m.
Best Paper Session
Moderators: Jill M. Mhyre, M.D.; Arvind Palanisamy, M.B., B.S., M.D., FRCA

9:00 a.m. - 10:30 a.m.
Scientific Poster Session #3
Moderator Leaders: Melissa E. Bauer, D.O.; Allison J. Lee, M.D., M.B., B.S.

9:00 a.m. - 10:30 a.m.
Coffee Break & Exhibits

10:30 a.m. - 12:00 p.m.
Interdisciplinary Panel - Cardiac Disease
Moderator: Katherine W. Arendt, M.D.
Speakers: Joan E. Briller, M.D.; Alexandria J. Hill, M.D.; Marie-Louise Meng, M.D.

12:00 p.m. - 12:15 p.m.
American Society of Anesthesiologists (ASA) Update
Introduction: Mark I. Zakowski, M.D., FASA
Speaker: Linda J. Mason, M.D., FASA, ASA President

12:20 p.m. - 1:30 p.m.
SOAP Annual Business Meeting and Elections
Lunch will be provided.

1:30 p.m.
Free Afternoon

5:00 p.m. - 7:00 p.m.
Resident/Fellow Case Presentations
Moderator Leader: Jacqueline M. Galvan, M.D.

7:00 p.m. - 9:00 p.m.
Fellows' and Residents' Reception
(By Invitation Only, Offsite Location)

Program Schedule

Saturday, May 4, 2019

6:45 a.m. - 7:45 a.m.

Fitness Activity: Foam Rolling/Stretch

7:00 a.m. - 5:15 p.m.

Registration Hours

7:00 a.m. - 8:30 a.m.

Continental Breakfast & Exhibits

7:00 a.m. - 8:30 a.m.

Poster Viewing

7:55 a.m. - 8:00 a.m.

Opening Remarks

Lisa R. Leffert, M.D.

8:00 a.m. - 9:00 a.m.

Scientific Poster Summaries

*Moderators: Paloma Toledo, M.D., M.P.H.;
Hans P. Sviggum, M.D.*

8:00 a.m. - 8:25 a.m.

Obstetric Hemorrhage

*Speaker: Alexander Butwick, M.B.B.S.,
M.S., F.R.C.A.*

8:30 a.m. - 8:55 a.m.

Drug Shortages: What Can I Do For My Patients?

Speaker: Heather C. Nixon, M.D.

9:00 a.m. - 10:00 a.m.

Special Lecture: Patient Perspectives

*Moderator: May C. Pian-Smith, M.D., M.S.
Speakers: Stephanie Arnold, Author and
Amniotic Fluid Embolism Survivor; Tracey
M. Vogel, M.D.*

10:00 a.m. - 10:30 a.m.

Coffee Break & Exhibits

10:00 a.m. - 10:30 a.m.

Poster Viewing

10:30 a.m. - 11:30 a.m.

Gerard W. Ostheimer Lecture

What's New in Obstetric Anesthesia?

*Introduction: Ashraf S. Habib, M.B., B.Ch.,
M.H.Sc., FRCA*

Speaker: Carolyn Weiniger, M.B., Ch.B.

11:30 a.m. - 12:30 p.m.

What's New in Neonatology?

Introduction: Joy L. Hawkins, M.D.

Speaker: Alan D. Bedrick, M.D.

11:30 a.m. - 11:55 a.m.

Management of Neuraxial Labor Analgesia

Speaker: Kenneth E. Nelson, M.D.

12:00 p.m. - 12:25 p.m.

Substance Use Disorder

Speaker: Britany L. Raymond, M.D., B.S.

12:30 p.m. - 1:30 p.m.

Lunch Lesson: Adjuncts in Postpartum Hemorrhage - How Do We Use Them?

*Speakers: Alexander Butwick, M.B.B.S.,
M.S., F.R.C.A.; Jennifer E. Hofer, M.D.*

1:30 p.m. - 2:30 p.m.

Fred Hehre Lecture - Dogmas in Obstetric Anesthesia: The Balance Between Evidence, Common Sense, Habit and Fear

*Introduction: Cristian Arzola, M.D., M.Sc.
Speaker: Jose C.A. Carvalho, M.D., Ph.D.,
FANZCA, FRCPC*

2:30 p.m. - 3:00 p.m.

Coffee Break & Exhibits

2:30 p.m. - 3:00 p.m.

Poster Viewing

3:00 p.m. - 4:00 p.m.

Oral Presentations II

*Moderators: Emily E. Sharpe, M.D.;
Cynthia A. Wong, M.D.*

3:00 p.m. - 3:25 p.m.

Post Dural Puncture Headache

Speaker: Barbara M. Scavone, M.D.

3:35 p.m. - 4:00 p.m.

My Two Cents - Controversial Topics

Speaker: Lawrence C. Tsen, M.D.

4:00 p.m. - 5:15 p.m.

Why Should You Care About Maternal Levels of Care?

*Moderator: Brian T. Bateman, M.D., M.Sc.
Speakers: Brendan Carvalho, M.B.B.Ch.,
FRCA, M.D.C.H.; Sarah J. Kilpatrick, M.D.,
Ph.D.; Jamie D. Murphy, M.D.*

6:00 p.m. - 10:00 p.m.

Banquet

(Offsite Location)

High & Rye

5310 E. High St. #100
Phoenix, AZ 85054

Sunday, May 5, 2019

7:30 a.m. - 11:45 a.m.

Registration Hours

7:00 a.m. - 8:30 a.m.

Continental Breakfast

7:55 a.m. - 8:00 a.m.

Opening Remarks

Lisa R. Leffert, M.D.

8:00 a.m. - 9:30 a.m.

Best Case Reports - You Did What?

*Moderator: Klaus Kjaer, M.D., M.B.A.
Panelists: Jeanette R. Bauchat, M.D., M.S.;
Laurent A. Bollag, M.D.; Jean M. Miles,
M.D.*

9:30 a.m. - 9:35 a.m.

2020 Annual Meeting Preview

*Speakers: Ruth Landau, M.D., 2020
Program Chair; Ronald B. George, M.D.,
FRCPC, 2020 Meeting Host*

9:35 a.m. - 10:00 a.m.

Coffee Break

10:00 a.m. - 11:00 a.m.

It's All in Her Head: Approaches to the Anesthetic Management of Pregnant Women with Intracranial Disease

*Moderator: Heather C. Nixon, M.D.
Speakers: Mateja De Leonni Stanonik,
M.D., M.A., Ph.D.; Guy Edelman, M.D.;
Lisa R. Leffert, M.D.;*

11:00 a.m. - 12:00 p.m.

Faculty Case Report Posters

*Moderator Leader: Roulhac D. Toledano,
M.D., Ph.D.*

12:00 p.m.

Adjournment

Exhibitors

Thursday, May 2, 2019

6:30 a.m. - 7:45 a.m.
Breakfast with Exhibitors

9:30 a.m. - 10:15 a.m.
Break with Exhibitors

1:15 p.m. - 2:55 p.m.
Break with Exhibitors

Friday, May 3, 2019

6:30 a.m. - 7:30 a.m.
Breakfast with Exhibitors

9:00 a.m. - 10:30 a.m.
Break with Exhibitors

Saturday, May 4, 2019

7:00 a.m. - 8:30 a.m.
Breakfast with Exhibitors

10:00 a.m. - 10:30 a.m.
Break with Exhibitors

2:30 p.m. - 3:00 p.m.
Break with Exhibitors

Participating Exhibitors Include:

AlertWatch, Inc.
CERUS Corporation
Elsevier, Inc.
Envision Physician Services
Epimed International, Inc.
Flat Medical
Gauss Surgical, Inc.

International Medical
Development (IMD, Inc.)
Mallinckrodt
Pharmaceuticals
Milestone Scientific
Pacira Pharmaceuticals
Pajunk Medical Systems

Progressive Medical, Inc.
Rivanna Medical, LLC
The American Society of
Anesthesiologists
Wolters Kluwer Health
Universal Anesthesia
Services

Hotel & Travel Information

JW Marriott Phoenix Desert Ridge Resort and Spa
5350 East Marriott Drive
Phoenix, Arizona 85054

JW Marriott Phoenix Desert Ridge Resort and Spa
Reservations Center: 1-800-835-6206

Guestrooms are available at the JW Marriott Phoenix Desert Ridge Resort and Spa at a reduced rate of \$299.00 USD (plus fees and taxes). This room rate is guaranteed until April 19, 2019 or until the guestroom block is full. Reservations can be made at this reduced rate via the dedicated reservation link:

<https://book.passkey.com/go/2019SOAP>

If making your reservation by phone, please reference the “**SOAP 51st Annual Meeting**”.

If arriving at Phoenix Sky Harbor International Airport (PHX)

Airport Phone: +1 602-273-3300
Hotel direction: 22 miles NE

- Alternate transportation: Transtyle: 1-800-410-5479 or www.transtyle.com; fee: 65 USD (one way) ;reservation required
- Estimated taxi fare: \$65 USD (one way)
- Bus service, fee: \$2 USD (one way)

Visit PHX airport website: <https://skyharbor.com/>

Driving Directions from Phoenix Sky Harbor International Airport (PHX)

Take the 24th Street exit from the airport and follow signs to 51 North. Stay on 51 North until it ends at Loop 101 and take the exit for 101 East. Stay in the right lane and exit left onto Tatum Boulevard. Travel past Desert Ridge Marketplace on the right and at Deer Valley Road turn right. Continue on Deer Valley Road to Marriott Drive and turn left.

Attendee & Guest Activities

Wednesday, May 1, 2019

Welcome Reception
(Included in attendee and guest registration fee.)

6:00 p.m. – 8:00 p.m.

Start the 51st Annual Meeting off right by reconnecting with old friends and colleagues meeting new one on the Ballroom Lawn at the JW Marriott Phoenix Desert Ridge Resort and Spa. Mix, mingle and enjoy drinks and light hors d'oeuvres with a southwestern flare.

Saturday, May 4, 2019

Banquet

6:00 p.m. – 10:00 p.m.

Fees: \$75 for Adults, \$25 for Children Under 18 Years Old

On Saturday evening, make your way over to High & Rye for a strolling dinner in an atmosphere that will surely make you feel right at home. High & Rye is known for their upscale, modern, Southern comfort food - accompanied by their large selection of craft beers and specialty cocktails.

SOAP Golf Outing

Friday, May 3, 2019 • 2:30 p.m.

Cost per Player: \$125.00

Enjoy a round of golf with fellow SOAP members on the acclaimed Faldo Championship Course located on property just steps from the hotel on Friday, May 3, 2019. Take in sweeping mountain vistas as you play in a lush desert oasis. The 2:30PM shotgun start will allow you to attend the conference in the morning and finish in time to make it out to dinner. The fee includes greens fees, cart, and access to the expansive practice facility prior to the round. Spouses and guests of conference attendees welcome.

Deadline to register is April 1, 2019.



SOAP Fitness Activities

Boot Camp

(Limited to 30 participants)

Friday, May 3, 2019 • 6:15 a.m. - 7:15 a.m.

A challenging total body workout that combines the perfect heart pumping cardio and strength training. All levels welcome.

Foam Rolling/Stretch

(Limited to 20 participants)

Saturday, May 4, 2019 • 6:45 a.m. - 7:45 a.m.

The Foam Rolling/Stretch class will consist of a combination of the two modalities to help increase the blood flow and increase myofascial release. This works by applying pressure and freeing up the fascia surrounding the muscles, thus eliminating scar tissue. It's like priming the muscles for stretching.

Annual Meeting is Paperless

Printed documents will not be available at the meeting. Documents will be available on the website should you wish to print them beforehand or to download them to an iPad or other tablet device before the meeting.

Making a meeting paperless yields the benefit of considerably reducing the cost and the carbon footprint of the meeting. A paperless meeting also makes it easier for meeting participants to locate and store documents and allows for faster preparation and distribution of conference materials.

To facilitate the paperless meeting, meeting attendees are requested to follow these suggestions:

- Meeting participants should bring their own computing devices – extra computers are not available for use during the meeting. Questions concerning rental of any computer equipment may be directed to the JW Marriott Phoenix Desert Ridge Resort and Spa AV department. The JW Marriott Phoenix Desert Ridge Resort and Spa also has a business center for printing documents.
- Wireless internet is available in the meeting rooms and guest rooms. Power sources (power strips) will NOT be available in the meeting rooms. Please be sure your portable devices are fully charged before coming to the meeting, or print your documents in advance of the meeting.
- Each meeting participant should include a current e-mail address when completing the meeting registration form in order to be able to receive correspondence about the meeting materials.

Photo & Video Disclosure

Photos and video footage are periodically taken of people participating in a SOAP meeting. Please be aware that by registering for a SOAP meeting or participating in an activity or attending an event at a SOAP meeting, you authorize SOAP to use these photos and video footage for promotional purposes in

SOAP publications, advertising, marketing materials, brochures, social media (including Facebook, YouTube, Instagram, Twitter, and other social media sites operated by SOAP), and the SOAP website without additional prior notice or permission and without any compensation. All photos and videos are property of SOAP.

Registration Form

*Denotes a required field

ABA # _____

* Dr. Mr. Mrs. Ms.

SOAP Member ID # _____

ASA Member ID # _____

*Badge Name (first name to appear on the first line of the badge)

*First Name _____ MI _____ *Last Name _____

*Degree(s) _____ *Specialty _____

*Affiliation (Organization) _____

*Mailing Address _____

*City _____ *State/Province _____ *ZIP/ Postal Code _____ *Country _____

*Business Phone Number _____ Mobile Phone Number _____ Fax Number _____

*Email _____ Twitter Handle _____

***Is this your first time attending the SOAP Annual Meeting?**

Yes No

***Which of the following best describes your medical practice environment?**

(Please select one)

- Academia Private Practice
- Consulting Large Group Practice
- Retired Hospital-based
- Other _____

Special Needs

- I will require special accommodations (also contact the SOAP Administrative Office at info@soap.org or 414-389-8611) to provide details of your needs
- Please check here for vegetarian meals
- Please check here for kosher meals
- Please check here for gluten-free meals

***How did you hear about this meeting?**

(Please select one)

- From Colleague Email Announcement
- Journal Ad
- SOAP Member
- Another Society's Website/Newsletter
- Other: _____

Registration Fees (Please see page two and three for details and pricing.)

Total from Page 2 \$ _____

Total from Page 4 \$ _____

Grand Total \$ _____

Cancellation Policy

Cancellations received in writing through April 19, 2019 will be refunded less a \$100 administrative fee. No refunds will be made after April 19, 2019.

Method of Payment:

- Visa MasterCard AMEX Discover
- Check # _____ (payable to SOAP in U.S. funds drawn from a U.S. bank)

Card Number _____ Expiration Date _____

Name on Card _____

Signature _____

Send complete registration forms (pages 1, 2 and 4) with payment to:

Society for Obstetric Anesthesia and Perinatology (SOAP)

6737 W. Washington St., Suite 4210 • Milwaukee, WI 53214

Phone: (414) 389-8611 • Fax: (414) 276-7704

Registration is Available Online at www.soap.org

Registration Form

*Denotes a required field

ABA # _____

* Dr. Mr. Mrs. Ms.

SOAP Member ID # _____

ASA Member ID # _____

*First Name _____ MI _____ *Last Name _____

*Business Phone Number _____ Mobile Phone Number _____ *Email _____

Registration Fees*

General Registration includes one ticket to the Welcome Reception, Continental Breakfasts, Breaks, Friday Lunch and T-shirt.

	Early Discounted Rate through April 5, 2019	Advanced Reg Rate through April 19, 2019	ONSITE ONLY After April 19, 2019	
SOAP Member Fees:				
<input type="checkbox"/> SOAP Member	\$745.....	\$795.....	\$845	\$ _____
<input type="checkbox"/> SOAP Fellow**.....	\$545.....	\$570.....	\$595	\$ _____
<input type="checkbox"/> SOAP Resident, Medical Student	\$345.....	\$370.....	\$395	\$ _____

Please circle your status above.

SOAP Retired Members..... \$345..... \$370..... \$395 \$ _____
Please note, to qualify for this registration, you must be a SOAP Retired Member and have 30+ years of SOAP Membership.

SOAP Non-Member Fees:

OASAO, OAA, SMFM, NASOM Member..... \$845..... \$895..... \$945 \$ _____

Please circle applicable society membership(s) above.

Non-Member..... \$945..... \$995..... \$1045 \$ _____

One Day Registration (Available Onsite Only)..... Thursday, Friday, Saturday OR Sunday - \$345

Sat-Sun Clinical Track (SOAP Member or Non-Member)...\$395..... \$395..... \$395 \$ _____

The Clinical Track is included with the general registration fees.

Special Registration Fees - Middle and Low Income Countries (World Bank Classification)

Attendees are eligible for middle and low income country registration, providing they meet all the following criteria:

- Reside in a country in the middle or low income category
- Working (or previously working) in a country in the middle or low income category
- Have a postal address in the middle or low income category which is detailed

SOAP Member and Non-Member Physician..... \$520 \$ _____

SOAP Member and Non-Member Resident/Fellow/Student..... \$520 \$ _____

*T-Shirt (included in registration fee) Please indicate size: Small Medium Large XL XXL
 I do not want a t-shirt

Additional shirts may be purchased onsite for \$10 while quantities last.

Guest(s) Registration Fees

General Adult Guest Registration

General Adult Guest Registration includes one ticket to the Welcome Reception, Fitness Activities and a t-shirt.

of adult guest(s) \$ _____ x \$150 \$ _____

Name(s) of spouse/adult guest(s).....

*T-Shirt (included in guest registration fee) Please indicate size: Small Medium Large XL XXL
 I do not want a t-shirt

General Children (under 18 years) Guest Registration

of children..... \$ _____ x \$20 \$ _____

Name(s)/Age(s) of children.....

** SOAP Fellow Members who do not receive departmental funds for educational purposes from their institution or hospital may be eligible for a discounted rate until April 5, 2019. Please visit www.soap.org/meetings/2019-soap-51st-annual-meeting/ for more information.

General Registration Subtotal \$ _____
(please transfer amount to page 1)

World Bank Classifications (2019)

Middle Income Countries

Attendees are eligible for 'middle income country' registration providing they meet all the following criteria:

- Reside in a country in the 'middle income country' category
- Working (or previously working) in a country in the 'middle income country' category
- Have a postal address a country in the 'middle income country' category which is detailed at time of registration

Albania	Costa Rica	Jamaica	Morocco	St. Vincent and the
Algeria	Côte d'Ivoire	Jordan	Myanmar	Grenadines
American Samoa	Cuba	Kazakhstan	Namibia	Sudan
Angola	Djibouti	Kenya	Nicaragua	Suriname
Armenia	Dominica	Kiribati	Nigeria	Swaziland
Azerbaijan	Dominican Republic	Kosovo	Pakistan	Thailand
Bangladesh	Ecuador	Kyrgyz Republic	Palau	Timor-Leste
Belarus	Egypt, Arab Rep.	Lao PDR	Papua New Guinea	Tonga
Belize	El Salvador	Lebanon	Paraguay	Tunisia
Bhutan	Equatorial Guinea	Lesotho	Peru	Turkey
Bolivia	Fiji	Libya	Philippines	Turkmenistan
Bosnia and	Gabon	Macedonia, FYR	Romania	Tuvalu
Herzegovina	Georgia	Malaysia	Russian Federation	Ukraine
Botswana	Ghana	Maldives	Samoa	Uzbekistan
Brazil	Grenada	Marshall Islands	São Tomé and	Vanuatu
Bulgaria	Guatemala	Mauritania	Principe	Venezuela, RB
Cabo Verde	Guyana	Mauritius	Serbia	Vietnam
Cambodia	Honduras	Mexico	Solomon Islands	West Bank and Gaza
Cameroon	India	Micronesia, Fed. Sts.	South Africa	Zambia
China	Indonesia	Moldova	Sri Lanka	
Colombia	Iran, Islamic Rep.	Mongolia	St. Lucia	
Congo, Rep.	Iraq	Montenegro		

Low Income Countries

Attendees are eligible for 'low income country' registration providing they meet all the following criteria:

- Reside in a country in the 'low income country' category
- Working in a country in the 'low income country' category
- Have a postal address a country in the 'low income country' category which is detailed at time of registration

Afghanistan	Comoros	Haiti	Nepal	Syrian Arab Republic
Benin	Congo, Dem. Rep.	Korea, Dem. Rep.	Niger	Tajikistan
Burkina Faso	Eritrea	Liberia	Rwanda	Tanzania
Burundi	Ethiopia	Madagascar	Senegal	Togo
Central African	Gambia, The	Malawi	Sierra Leone	Uganda
Republic	Guinea	Mali	Somalia	Yemen, Rep.
Chad	Guinea-Bissau	Mozambique	South Sudan	Zimbabwe

Registration Form

*Denotes a required field
* Dr. Mr. Mrs. Ms. ABA # _____
SOAP Member ID # _____
ASA Member ID # _____

*First Name _____ MI _____ *Last Name _____
*Business Phone Number _____ Mobile Phone Number _____ *Email _____

Special Sessions

Wednesday, May 1, 2019

- Morning Make or Break Leadership Lessons for Labor and Delivery Workshop, 8:00 a.m. – 12:00 p.m.** \$195 \$ _____
- Morning The Use of Ultrasound in Obstetric Anesthesia Workshop: Vascular Access, Neuraxial Anesthesia, TAP Block, Airway and Gastric Assessment, 8:00 a.m. – 12:00 p.m.** (limited to 45) \$295 \$ _____
- Afternoon Focused Cardiac Ultrasound in the Management of the High Risk Parturient Workshop , 1:00 – 5:00 p.m.** (limited to 32)..... \$295 \$ _____
- Afternoon Becoming the Best Version of Ourselves: Overcoming Challenges with Resilience and Connection Workshop, 1:00 – 5:00 p.m.** \$195 \$ _____
- Afternoon Obstetric Anesthesia Crisis Resource Management Course, 1:00 – 5:00 p.m.** (limited to 20)..... \$295 \$ _____
- Afternoon Chinese Symposium on Obstetric Anesthesia, 1:00 – 5:00 p.m.** Complimentary

Thursday, May 2, 2019

- Problem-Based Learning Discussion Lunch - Management of the Obese Parturient, 12:15 - 1:15 p.m.** (limited to 30) .. \$90 \$ _____
- Rivanna Lunch Session: Neuraxial Placements in Challenging Patient Populations Using the Accuro® Handheld Spinal Navigation Device, 12:15 - 1:15 p.m.,** (limited to 100) Please Register Through Rivanna: <https://rivannamedical.com/soap-session/>

Saturday, May 4, 2019

- Lunch Lesson: Adjuncts in Postpartum Hemorrhage - How Do We Use Them?, 12:30 - 1:30 p.m.** (limited to 30).. \$90 \$ _____
- Special Sessions Subtotal** \$ _____

Social Events

- Welcome Reception, Wednesday, May 1, 2019, 6:00 – 8:00 p.m.** \$95 \$ _____
**One ticket is included in the Full SOAP Conference Registration for attendees and one ticket is included in the Guest Registration.*
- Golf Outing, Friday, May 3, 2019, 2:30 p.m.** (Deadline to Register is April 1st).....\$125 \$ _____

Names of Attendees Who Will Be Playing Golf: _____
List Up to 3 Partners You Would Like to Play With (Optional): _____

Approximate Handicap Information (Optional)

- SOAP Annual Meeting Banquet, Saturday, May 4, 2019, 6:00 – 10:00 p.m.**
 - I will attend the SOAP Banquet.....Number of adults _____ x \$75 \$ _____
Number of children under 18 years _____ x \$25 \$ _____
- Social Events Subtotal** \$ _____

Optional Fitness Events

- Boot Camp, Friday, May 3, 2019, 6:15 – 7:15 a.m. – Complimentary** (limited to 30) I will attend this event.....number of people x _____
- Foam Rolling/Stretch, Saturday, May 4, 2019, 6:45 – 7:45 a.m. – Complimentary** (limited to 20) I will attend this event.....number of people x _____

Special Sessions, Social Events and Optional Fitness Events Subtotal \$ _____
(please transfer amount to page 1)

Membership Application



Please print or type. Please complete all sections.

I hereby make application for:

- Active Membership (M.D., D.O., M.B.B.S.).....\$250.00
- Associate Membership (Physicians or scientists not engaged in administering clinical anesthesia, CRNA, AA).....\$200.00
- Retired Membership.....\$65.00
- Medical Student Membership*..... Complimentary
- Resident Membership*..... Complimentary
- Fellow Membership*..... Complimentary

6737 West Washington Street
Suite 4210
Milwaukee, WI 53214
Phone: 414-389-8611
Fax: 414-276-7704
Email: info@soap.org

Residency/Fellowship ends: month _____ year _____ \$ _____ **Total Membership Amount**

*To receive complimentary membership for a Medical Student, Resident or Fellow you **MUST COMPLETE & RETURN FORM** accordingly.

*If Resident Membership, need Program Director's signature: _____

As a member of SOAP, you can obtain \$20 off a membership with the IARS. Use the discount code **SOAP2019** when signing up for an IARS membership (www.iars.org/membership).

Additional Subscriptions:

- OAD- \$80.00 OAD International- \$90.00 (For International Members ONLY) \$ _____ **Total Subscription Amount**
- IJOA- \$120.00

Last _____ First _____ Middle Initial _____
 M.D. D.O. M.B.B.S. Other: _____ Date of Birth: _____

Preferred Mailing Address: Home Business

University/Hospital _____

Business Mailing Address

City _____ State/County _____ ZIP/Postal Code _____

Phone _____ Fax _____ Email _____

Home Mailing Address

City _____ State/County _____ ZIP/Postal Code _____

Specialty: Anesthesia OB Peds Other _____ Board Certification: Yes No

Type of Practice: Academic Private, # of partners/colleagues _____ Other _____

Interest in OB Anesthesia (check all that apply): High Risk Pain Control Administrative Research Perinatology
 Education Other _____

I am also a member of: ASA AMA NASOM SMFM ACOG AAP Other _____

Donation to the SOAP Endowment Fund - this contribution is tax deductible. \$ _____ **SOAP Endowment Fund**

- Bronze Level - \$50.00 Silver Level - \$100.00 Gold Level - \$200.00 \$ _____ **Total Enclosed**
- Platinum Level - \$500.00 Other: _____

If you wish to donate another amount, please contact the SOAP office at 414-389-8611.

Payment Options

- Check or Money Order (made payable in U.S. dollars to the Society for Obstetric Anesthesia and Perinatology)
- Visa MasterCard Discover AMEX

Credit Card Number _____ Expiration Date _____

Name on Card _____ Signature _____