



California Society of  
**ANESTHESIOLOGISTS**  
*Physicians for Vital Times*

# 2022 Summer **ANESTHESIA CONFERENCE**



*Learn from the most respected  
physician anesthesiologists about  
anesthesiology and perioperative care*

**July 18-23, 2022**  
**Four Seasons Resort at Ko'Olina**  
**Oahu**

# 2022 CSA Summer Anesthesia Conference

## Welcome from the Chair

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### Dear Colleagues!

Aloha! Time to leave your COVID worries behind and join us for sun, sea, beach, relaxation and fun while learning and networking. On behalf of the California Society of Anesthesiologists (CSA) Education Programs Division, it is my pleasure to invite you to join us at the incredible Four Seasons Ko'Olina on the beautiful island of Oahu for the CSA Summer Anesthesia Conference July 18-23, 2022.

CSA's mission is to spark innovation and professional collaboration through education. Our educational program is designed to expand your skills and knowledge to help you confront the challenges related to the growing complexity of our patients and specialty. We emphasize interdisciplinary learning and delivering collaborative care with a multidisciplinary scientific approach. Our program will not only provide essential tools needed to deliver high-quality



This year's program has been developed in response to educational priorities expressed by prior CSA meeting attendees. We are fortunate to host world class speakers from premier institutions and varied clinical practices. Speakers will offer high-level presentations that are evidence-based with practical take-home points. The program covers a wide range of subspecialty areas including neuroanesthesia, cardiac and thoracic anesthesia, obstetric anesthesia, pediatric anesthesia, regional anesthesia and pain management, as well as key areas such as POCUS, preoperative preparation and optimization, ambulatory surgery and quality improvement. In addition to the wide variety of clinical topics, there will be specialized topics focused on professional development, specifically team-building and leadership, diversity, equity and inclusion, and enhancing social media presence.

The conference offers 30 hours of CME but is still a perfect balance between education and leisure time. The sessions are held in the mornings leaving the afternoons free for exploration or lounging by the beach or pool. Each day will be themed to allow attendees to focus on areas they are most interested in.

The meeting will be held at Four Seasons Oahu, one of the best world-renowned exclusive resorts on Oahu. The resort provides easy access to excellent beach and ocean activities, world-renowned golf courses, and exciting shopping, dining and entertainment. Oahu Island is filled with many wonders: experience the scenery by helicopter flight, ziplining or take a drive towards the North shore and visit movie sets and plantations. July weather typically ranges from 75 to 80°F, perfect for exploring the beautiful tropical surroundings. If you are bringing your children, we are conveniently located right next to Disney's Aulani. I really look forward to seeing you all at the Four Seasons Ko'Olina for what we know will be an extremely rewarding educational experience combined with an incredible Hawaiian escape.

*Brendan Carvalho*

**MBBCh, FRCA, MDCH, FASA**

**Program Chair**

# 2022 CSA Summer Anesthesia Conference

Our new CSA 2022 Summer Anesthesia Conference is a comprehensive program designed to enhance the continuing medical education experience of physician anesthesiologists, fellows, residents, and other healthcare providers. Topics provide updates on the latest clinical information in anesthesiology and its subspecialties, including, but not limited to pain medicine, regional anesthesia, perioperative care, obstetric anesthesia, pediatric anesthesia, and critical care.

## Mission Statement

The mission of the Educational Programs Division of the California Society of Anesthesiologists is to provide relevant, timely, high-quality education to anesthesia professionals from California and all over the world. Through a strategic partnership with the American Board of Anesthesiology, CSA provides education that fulfills maintenance of certification requirements for our physician learners.

CSA expects that our participants will improve their competence by increasing their knowledge and skill sets, and/or improve their performance by applying their newly acquired knowledge and skill sets in their practice. Our goal is to enhance our participants' ability to provide quality and safe patient care. It is the belief of the CSA that by improving competence and performance, ultimately patient outcomes will be improved.

## Statement of Educational Need

Anesthesiology is a dynamic specialty with significant changes expected on several fronts in the years to come, including new clinical technologies and practices, regulatory changes, business process changes, and overall changes in the health care environment. In addition to covering the latest clinical information, this program seeks to prepare participants for emerging and anticipated changes in the practice of anesthesiology.

## Mitigation of Conflicts of Interest

In accordance with the ACCME Standards of Integrity and Independence, the CSA adheres to strict guidelines and processes to identify and mitigate conflicts of interest for all individuals in a position to control content of this CME activity.

## Credit Designation

The California Society of Anesthesiologists is accredited by the Accreditation Council for continuing Medical Education to provide continuing medical education to physicians. The California Society of Anesthesiologists designates this live activity for a maximum of 31 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



## Maintenance of Certification in Anesthesiology

The California Society of Anesthesiologists are pleased to announce that the CSA 2022 Summer Conference has been approved by the American Board of Anesthesiology to fulfill 24 hours of the Patient Safety Requirement for Part II of ABA's Maintenance of Certification Anesthesiology Program (MOCA). The Maintenance of Certification in Anesthesiology<sup>™</sup> (MOCA®) program logo is a trademark of the American Board of Anesthesiology.



This activity contributes to the patient safety CME requirement for Part II: Lifelong Learning and Self-Assessment of the American Board of Anesthesiology's (ABA) redesigned Maintenance of Certification in Anesthesiology Program® (MOCA®), known as MOCA 2.0. Please consult the ABA website, [www.theaba.org](http://www.theaba.org), for a list of all MOCA 2.0 requirements.

# 2022 CSA Summer Anesthesia Conference

## Faculty Disclosures

Unless otherwise noted, speakers have not had any financial relationships with ineligible companies as defined by ACCME within the past 24 months. All relevant financial disclosures have been mitigated.

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### **Brendan Carvalho, MBBCh, FRCA, MDCH, FASA**

Chief of Obstetric Anesthesia and Professor Department of Anesthesiology, Stanford University Medical Center

*Disclosures: BBraun Speakers Bureau's and Flat Medical Stock Options*

### **Dalia Banks, MD, FASE**

Clinical Professor, University of California San Diego, Vice Chair of Cardiovascular Anesthesia Academic Affairs

### **Alana Flexman, MD, FRCPC**

Director of Research, Department of Anesthesiology, St. Paul's Hospital/Providence Healthcare Clinical Associate Professor, University of British Columbia

### **Sapna R. Kudchadkar, MD, PhD, FCCM**

Anesthesiologist-in-Chief, Johns Hopkins Children's Center, Vice Chair of Pediatric Anesthesiology and Critical Care Medicine Associate Professor, Anesthesiology, Pediatrics and Physical Medicine and Rehabilitation, Johns Hopkins University School of Medicine

### **Edward Mariano, MD, MAS, FASA**

Professor at Stanford University School of Medicine and Chief of the Anesthesiology and Perioperative Care Service at the Veterans Affairs Palo Alto Health Care System

### **Elizabeth Ozery, MD**

Fellow, Obstetrics, Stanford University, Systems Director, Preoperative Practices

### **BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

Systems Director, Preoperative Practices, Inova Health, Professor, Medical Education, University of Virginia

*Disclosures: /nova Health American Regent and Daichii Sankyo research grants*

### **Romy Yun, MD**

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine, Stanford Hospital

# 2022 CSA Summer Anesthesia Conference

## Program Schedule

### Sunday, July 17

**2:00-3:00 PM**  
Exhibitor Set Up

**3:00-5:00 PM**  
Packet Pick-up Available  
**\*Refreshments Provided**

### Monday, July 18

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
TEE for Non-Cardiac Surgery  
**Dalia Banks, MD, FASE**

**8:00-9:00 AM**  
Quality improvement in perioperative care: A primer  
**Sapna R. Kudchadkar, MD, PhD, FCCM**

**9:00-10:00 AM**  
Ultrasound-assisted neuraxial placement and management of obesity parturients  
**Brendan Carvalho, MBBCh, FRCA, MDCH, FASA**

**10:00-10:30 AM**  
Break/Visit the Exhibits

**10:30-11:30 AM**  
Teaming for Anesthesiologists: Diagnosing dysfunction and optimizing performance  
**Alana Flexman, MD, FRCPC**

**11:30 AM-12:30 PM**  
Rescue ECHO  
**Dalia Banks, MD, FASE**

**12:30 PM**  
End of Day's Session

### Tuesday, July 19

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
Preparing patients for anesthesia and surgery  
**BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

**8:00-9:00 AM**  
Professional social media for the Anesthesiologist: Nuts and bolts for networking and education  
**Sapna R. Kudchadkar, MD, PhD, FCCM**

**9:00-10:00 AM**  
Thoracic disasters: Are you prepared?  
**Dalia Banks, MD, FASE**

**10:00-10:30 AM**  
Break/Visit the Exhibits

**10:30-11:30 AM**  
See one, do one, tweet one: the present and future of regional anesthesia education  
**Edward Mariano, MD, MAS, FASA**

**11:30 AM -12:30 PM**  
Perioperative anemia evaluation and management  
**BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

**12:30 PM**  
End of Day's Session

### Wednesday, July 20

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
Equity, diversity and inclusion in Anesthesiology  
**Alana Flexman, MD, FRCPC**

**8:00-9:00 AM**  
Atrial Fibrillation: Background, anticoagulation management and the dilemma of newly discovered AF on the day of surgery  
**BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

**9:00-10:00 AM**  
Awake and afraid: How to address disparities for patients of limited English proficiency  
**Elizabeth Ozery, MD**

**10:00-10:30 AM**  
Break/Visit the Exhibits

**10:30-11:30 AM**  
Code electrophysiology  
**Dalia Banks, MD, FASE**

**11:30 AM-12:30 PM**  
Perioperative stroke after non-cardiac surgery: What every anesthesiologist should know  
**Alana Flexman, MD, FRCPC**

**12:30 PM**  
End of Day's Session

# 2022 CSA Summer Anesthesia Conference

## Program Schedule

### Thursday, July 21

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
Anesthesia and neurocognitive outcomes in childhood  
**Sapna R. Kudchadkar, MD, PhD, FCCM**

**8:00-9:00 AM**  
Enhanced recovery and analgesia after cesarean delivery: Evidence-based recommendations  
**Brendan Carvalho, MBBCh, FRCA, MDCH, FASA**

**9:00-10:00 AM**  
Frailty and postoperative outcomes after surgery: Applications for anesthetic practice  
**Alana Flexman, MD, FRCPC**

**10:00-10:30 AM**  
Break/Visit the Exhibits

**10:30-11:30 AM**  
Lessons learned from the U.S. opioid epidemic: National strategy and local tactics  
**Edward Mariano, MD, MAS, FASA**

**11:30 AM- 12:30 PM**  
Optimizing rehabilitation after anesthesia for major surgery: How can we help?  
**Sapna R. Kudchadkar, MD, PhD, FCCM**

**12:30 PM**  
End of Day's Session

### Friday, July 22

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
Alleviating Pediatric Preoperative Anxiety: Pharmacology to Virtual Reality  
**Romy Yun, MD**

**8:00-9:00 AM**  
Emergence agitation in children: What's new?  
**Sapna R. Kudchadkar, MD, PhD, FCCM**

**9:00-10:00 AM**  
Ischemic heart disease isn't the worst cardiac disease and the fallacy of coronary revascularization  
**BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

**10:00-10:30 AM**  
Break/Visit the Exhibits

**10:30-11:30 AM**  
Updates on pulmonary hypertension  
**Dalia Banks, MD, FASE**

**11:30 AM-12:30 PM**  
Anesthesia and analgesia for pregnant or breastfeeding women  
**Brendan Carvalho, MBBCh, FRCA, MDCH, FASA**

**12:30 PM**  
End of Day's Session

### Saturday, July 23

**6:30-8:30 AM**  
Breakfast Opens

**6:30 AM-12:30 PM**  
Registration Opens

**7:00-8:00 AM**  
Too many to count: The role of new fascial plane blocks in regional anesthesia practice  
**Edward Mariano, MD, MAS, FASA**

**8:00-9:00 AM**  
Labor analgesia: Strategies to optimize analgesia and enhance obstetric and fetal outcomes  
**Brendan Carvalho, MBBCh, FRCA, MDCH, FASA**

**9:00-10:00 AM**  
Current recommendations and best practices in perioperative brain health  
**Alana Flexman, MD, FRCPC**

**10:00-10:15 AM**  
Morning Break

**10:15-11:15 AM**  
10 Essential questions to ask every ambulatory surgical patient  
**BobbieJean Sweitzer, MD, FACP, SAMBA-F, FASA**

**11:15 AM-12:15 PM**  
Personalizing pain medicine: making nerve blocks last as long as patients need them  
**Edward Mariano, MD, MAS, FASA**

**12:15 PM**  
Event Concludes

# 2022 CSA Summer Anesthesia Conference

## EPD Committee

The following are members of the CSA's Planning Committee. ***Unless otherwise noted, planners and CSA staff have not had any financial relationships with ineligible companies as defined by ACCME within the past 24 months and all relevant financial disclosures have been mitigated.***

### **Brendan Carvalho, MBBCh, FRCA, MOCH, FASA**

Stanford University Medical Center

Chief of Obstetric Anesthesia and Professor Department of Anesthesiology,

Disclosures: BBraun Speakers Bureau's and Flat Medical Stock Options

### **Richard Applegate II, MD, FASA**

Chair, CSA Education Planning Committee

Disclosures: Masimo, Former Advisory Board Member; Masimo, Merck and Pfizer contracted research

### **Shalini Shah, MD**

Vice-Chair, CSA Education Planning Committee

Disclosures: Allergan - Paid Speaker; Masimo, SPR Therapeutics - Consulting Fees; 3M, J&J - Stocks

### **Ron Pearl, MD, PhD, FASA**

President, CSA President

Disclosures: Cerus, Angion, Spectral, Janssen (ended) - contracted research

***The CSA Education Planning Division also reviewed the syllabus and disclosures related to this education activity.***

# 2022 CSA Summer Anesthesia Conference

## General Information

### Hotel Accommodations

The CSA 2022 Summer Anesthesia Conference will be held at:

**Four Seasons Resort Oahu at Ko'Olina**

92-1001 Olani Street  
Kapolei, Hawaii 96707

**P: 808-679-0079 or TF: 844-387-0308**

### Making Reservations

Please see the clickable link on our website:

<http://www.csahq.org/events>

### Ground Transportation

The Resort offers transportation to and from the airport. Please call and ask the Concierge for private car service arrangements.

### LUXURY CAR OR SUV TRANSFERS

The Resort would be happy to arrange transfers to and from the airport for you, taking just 30 minutes. A fleet of spacious Lincoln Navigators seat four people comfortably, while Mercedes Benz sedan cars can fit two people comfortably. Fees apply. Contact Reservations or our Concierge for more information.

### TAXI & RENTAL CAR

Taxi and rental services are available. Most major car rental firms operate at the airport. Enterprise is available at the Resort as well as at the airport. Please ask the Concierge for rental car and taxi rates.

### UBER & LYFT

Both online services can operate on Oahu. Please refer to the apps for details and arrangements.

### How to Register

Register by one of these methods:

1. Online (preferred) <http://www.csahq.org/events>
2. Fax your completed form to: **916.444.7462**
3. Call: **916.290.5830**

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Mark your calendar  
for future CSA Anesthesia  
CME meetings • [Csahq.org/cme](http://Csahq.org/cme)



## CSA FALL MEETING

November 14-18, 2022  
Fairmont Orchid, Big Island



## CSA WINTER MEETING

January 23-27, 2023  
Maui Westin Kaanapali



## CSA SUMMER MEETING

July 17-21, 2023  
Four Seasons Ko'Olina, Oahu