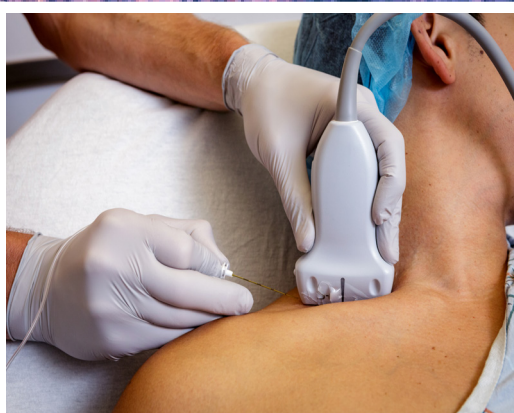


UC DAVIS

Anesthesiology & Pain Medicine

31ST ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE

PRESENT STATES AND FUTURE FATES



**Friday - Sunday
November 6-8, 2020**

**Parc 55 San Francisco
San Francisco, CA**

Sponsored by:
UC Davis Department of Anesthesiology and Pain Medicine

PROGRAM

Friday, November 6, 2020

7:00 am - 7:45 am	Registration Continental Breakfast, Visit Exhibits
7:45 am - 8:00 am	Welcome and Course Objectives <i>Moderator: Stephen M. Macres, M.D., Pharm.D.</i>
8:00 am - 8:40 am	Physician Well-Being-Practical Solutions to Systemic Problems <i>Peter Yellowlees, M.B.B.S., M.D.</i>
8:40 am - 9:20 am	Workforce Projections <i>Jeffrey Uppington, M.B.B.S., F.F.R.A.C.S.</i>
9:20 am - 9:45 am	Working Across Generational Differences in the Workplace <i>Hendry Ton, M.D., M.S.</i>
9:45 am - 10:00 am	Panel Q & A <i>Drs. Yellowlees, Uppington, and Ton</i>
10:00 am - 10:30 am	Refreshment Break, Visit Exhibits
10:30 am - 11:05 am	Anesthetic Management of Heart Failure <i>Orode Badakhsh, M.D.</i>
11:05 am - 11:40 am	Anesthesia in the EP Lab: A Review and Update <i>Nicole Weiss, M.D.</i>
11:40 am - 12:15 pm	Hypotension Prediction Index and Fear of Trying <i>Neal Fleming, M.D., Ph.D.</i>
12:15 pm - 12:30 pm	Panel Q & A <i>Drs. Badakhsh, Weiss, and Fleming</i>
12:30 pm - 1:30 pm	Lunch for Workshop Participants

***Ultrasound Applications for the Anesthesiologist Workshop Friday**

1:30 pm - 5:00 pm (with 30 minute break)

The Friday afternoon workshop will be a comprehensive review of POCUS workshop including Transthoracic Echocardiography (TTE), Lung, Gastric and Abdominal Ultrasound.

Additional fee, registration required, lunch included, registration limited, (3) *AMA PRA Category I Credits™*

Orode Badakhsh, M.D., Robert Bishop, M.B.B.S., Neal Fleming, M.D., Ph.D., Nicole Weiss, M.D., Jon Zhou, M.D.

Saturday, November 7, 2020

7:00 am - 7:45 am	Registration Continental Breakfast, Visit Exhibits
7:45 am - 8:00 am	Welcome and Course Objectives <i>Moderator: Richard L. Applegate II, M.D., F.A.S.A</i>
8:00 am - 9:00 am	AI & Anesthesia: A Brave New World <i>Sesh Mudumbai, M.D., M.S.</i>
9:00 am - 9:30 am	Suggammadex - Is It Worth It? <i>Neal Fleming, M.D., Ph.D.</i>
9:30 am - 9:45 am	Panel Q & A <i>Drs. Mudumbai and Fleming</i>
9:45 am - 10:15 am	Refreshment Break, Visit Exhibits
10:15 am - 10:55 am	Perioperative Management of the Opioid Dependent Patient <i>Stephen M. Macres, M.D., Pharm.D.</i>
10:55 am - 11:35 am	Update on Ketamine, The Current State of Affairs <i>Jon Zhou, M.D.</i>
11:35 am - 12:15 pm	Controversies in Ambulatory Anesthesia <i>Robin Aldwinckle, B.M.B.S., F.R.C.A.</i>
12:15 pm - 12:30 pm	Panel Q & A <i>Drs. Macres, Zhou, and Aldwinckle</i>
12:30 pm - 1:30pm	Lunch for Workshop Participants

***Ultrasound Applications for the Anesthesiologist Workshop Saturday**

1:30 pm - 5:00 pm (with 30 minute break)

The Saturday afternoon workshop will be a comprehensive review of Upper and Lower Extremities and Truncal Nerve Blocks. This 3-hour ultrasound-guided regional anesthesia workshop focuses on hands-on scanning and needling practice.

Additional fee, registration required, lunch included, registration limited, (3) *AMA PRA Category I Credits™*

Robin Aldwinckle, B.M.B.S., F.R.C.A., Robert Bishop, M.B.B.S., Stephen M. Macres, M.D., Jon Zhou, M.D.

6:00 pm - 8:00 pm MEET THE FACULTY NETWORKING RECEPTION

Included in tuition, pre-registration required
(guests invited for \$50)

PROGRAM

Sunday, November 8, 2020

- 7:00 am - 7:45 am **Registration**
Continental Breakfast, Visit Exhibits
Moderator: Jeffrey Uppington, M.B.B.S., F.F.R.A.C.S.
- 7:45 am - 9:30 am **Progressive Changes in Pediatric Anesthesia Practice. Where Are We Now and Where Do We Hope To Be?**
Rajvinder Dhamrait, B.M.B.S., F.C.A.R.C.S.I., F.R.C.A., Amanda Darling, M.D.
- 9:30 am - 9:45 am **Panel Q & A**
Drs. Dhamrait and Darling
- 9:45 am - 10:00 am **Refreshment Break, Visit Exhibits**
- 10:00 am - 10:45 am **Enhanced Recovery After Cesarean: a Luxury or a Necessity?**
Pervez Sultan, M.B.Ch.B., F.R.C.A., M.D..
- 10:45 am - 11:45 am **Strategies for the Obstetric Patient with Cardiac Disease**
Julie R. Gardner, M.D.
Maria Cristina Gutierrez, M.D.
- 11:45 am - 12:00 pm **Panel Q & A**
Drs. Sultan, Gardner, and Gutierrez
- 12:00 pm - 12:30 pm **Know Before You Go**
Richard L. Applegate II, M.D., F.A.S.A.

Have a safe journey home!

FACULTY

Course Chair

Stephen M. Macres, M.D., Pharm.D.
Professor
Director, Acute Pain Services

Course Co-Chairs

Richard L. Applegate II, M.D., F.A.S.A.
Professor and Chair

Amrik Singh, M.D.

Professor
Associate Chief, Division of Perioperative Medicine

Jeffrey Uppington, M.B.B.S., F.F.R.A.C.S.
Professor
Vice Chair of Clinical Affairs

Guest Faculty

Sesh Mudumbai, M.D., M.S.
Assistant Professor, Department of Anesthesiology,
Perioperative and Pain Medicine
Stanford University School of Medicine
Medical Director for VISN 21 clinical Informatics Systems and
Perioperative Analytics
Staff Anesthesiologist, V Patio Alto HCS

Pervez Sultan, M.D. (Res), M.B.Ch.C., F.R.C.A.
Associate Professor
Department of Anesthesia
Stanford University School of Medicine

Peter Yellowlees, M.B.B.S., M.D.
Professor
Chief Wellness Officer

UC Davis Department of Psychiatry and Behavioral Sciences

Hendry Ton, M.D., M.S.
Associate Vice Chancellor For Health Equity,
Diversity, and Inclusion
Clinical Professor of Psychiatry and Behavioral Sciences



FACULTY

UC Davis Department of Anesthesiology and Pain Medicine

Robin Aldwinckle, B.M.B.S., F.R.C.A.

Associate Professor

Director, Same Day Surgery Center

Orode Badakhsh, M.D.

Associate Professor

Fellowship Director, Adult Cardiothoracic Anesthesia

Amanda Darling, M.D.

Assistant Professor

Rajvinder Dhamrait, B.M.B.S., F.C.A.C.S.I., F.R.C.A.

Professor

Director, Pediatric Anesthesiology

Neal W. Fleming, M.D., Ph.D

Professor

Vice Chair for Education

Julie Gardner, M.D.

Associate Professor

Director, Obstetric Anesthesiology Clinical Services

Maria Cristina Gutierrez, M.D.

Associate Professor

Nicole Weiss, M.D.

Assistant Professor

Jon Zhou, M.D.

Assistant Professor

Director, Regional Anesthesia and Acute Pain Medicine Fellowship

Conference Coordinator

Brenda Juan

CME Coordinator

Department of Anesthesiology and Pain Medicine

UC Davis Health



PROGRAM INFORMATION

Needs Assessment

Over the past 20 years new medications and monitoring devices have improved the quality and safety of anesthesiology. The introduction of pharmacogenetic testing, non-invasive monitoring, new and novel anesthetic and analgesic drugs, and the introduction of artificial intelligence (AI) and machine learning should see improvement in both quality and safety.

Duties beyond an anesthesiologist's expected routine have included obstetrical, pediatric, and cardiothoracic anesthesia, and chronic pain management. Newer roles include acute perioperative pain management, transitional pain services, critical care medicine, and palliative care. Anesthesiologists should be prepared to assume the role of the perioperative physician within the perioperative surgical home.

All of these changes and new responsibilities require practitioners to stay up to date with evidence-based methods and strategies to assist them in providing better treatment options for patients.

This year's conference will provide practitioners with evidence-based methods and strategies to assist them in providing better treatment options for their fragile patients. Faculty presenting and interacting with participants at this course have been selected on the basis of their comprehensive clinical experience and academic excellence.

Brochure Art Credit: Brochure images courtesy of Accreditation Council for Continuing Medical Education, UC Davis Department of Anesthesiology and Pain Medicine, and Parc 55 San Francisco Hotel.

Photo and Video Release: By participating in this course, you grant the right to use your photograph and video for such purposes to UC Davis Department of Anesthesiology and Pain Medicine.

Target Audience

This course is designed for anesthesiologists, pain medicine physicians, residents and fellows. In addition, nurses and nurse anesthetists, with an interest in anesthesiology and involved as part of the perioperative care team of surgical patients may find this course beneficial.

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 accredited 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.

PROGRAM INFORMATION

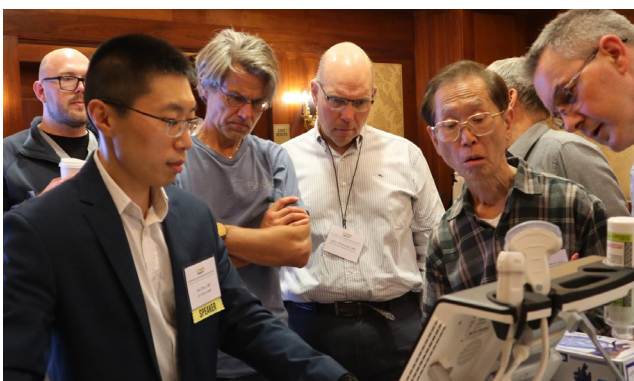
Objectives

By the end of this conference the attendee will be able to:

1. Understand the causes of burnout; Be aware of systemic solutions to this problem
2. Describe the opportunities that millennials bring to the workplace
3. Describe the impact of generational bias on the workplace
4. Describe the developmental context that shape millennials' work style
5. Understand projected numbers of physicians and anesthesiologists needed in the future and the potential number actually available
6. Identify the multiple etiologies of heart failure
7. Understand the differences between and implications of systolic and diastolic heart failure
8. Understand the challenges associated with performing anesthesia in the EP Lab
9. Summarize important goals and milestones for how AI will advance quality and patient safety
10. Define the key aspects and considerations for how artificial intelligence (AI) will bring automation into anesthesiology
11. Review gaps, weaknesses, and opportunities in 'big data', 'machine learning', and other medical headlines
12. Define the opioid naïve, opioid exposed, and opioid tolerant patient
13. Understand new evidence-based guidelines for the use of ketamine for acute pain and chronic pain
14. Describe the factors involved in gastric emptying, and identify patients at higher risk of higher gastric volume
15. Discuss recent international changes to preoperative fasting and how these guidelines are being incorporated into US practice
16. Describe strategies to manage the difficult pediatric patient
17. Understand the incidence of the risks associated with the use of sugammadex and neostigmine
18. Learners should be more able to evaluate, stratify, and plan for both urgent and elective deliveries for cardiac patients

Educational Methods

- Lectures with Q & A will be used to facilitate the dissemination of up-to-date information
- Case studies and discussion will highlight conditions commonly seen in clinical practice
- Pre/post tests will be given using an audience response system to help attendees ascertain the level of learning achieved
- Panel discussion will be used to provide an opportunity for experts to present differing viewpoints on various topics or issues
- Hands-on, skill-building workshops are available to provide attendees with the opportunity to refine their nerve block and echocardiography skills



ACCREDITATION

JOINTLY
PROVIDED
BY:



American Society of
Anesthesiologists™

UC DAVIS
HEALTH

This course 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 American Society of Anesthesiologists and UC Davis Department of Anesthesiology and Pain Medicine. The American Society of Anesthesiologists is accredited by the ACCME to provide continuing medical education for physicians

- **Physician Credit:** The University of California, Davis, Health designates this live course for a maximum of 18.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the course
- **Nurse:** For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit™* issued by organizations accredited by the ACCME. For the purpose of re-licensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credit™*
- **Physician Assistant:** The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credit™* are acceptable for continuing medical education requirements for recertification

AMA PRA Category 1 Credit™

General Session:

Up to 12.25 *AMA PRA Category 1 Credits™*

Optional Afternoon Workshop:

Up to 6 *AMA PRA Category 1 Credits™*

MOCA Statement: This course contributes to the CME requirement for Part II: Lifelong Learning and Self Assessment of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology Program® known as MOCA 2.0®. This course is approved for up to 18.25 MOCA 2.0® credits which are eligible for the patient safety component.

This course contributes to the patient safety CME requirement for the CME component of the American Board of Anesthesiology's (ABA) redesigned MOCA®. MOCA 2.0® is a registered trademark of The American Board of Anesthesiology®.



LODGING

Parc 55 San Francisco
55 Cyril Magnin Street
San Francisco, California 94102
Tel 415-392-8000
Email SFOSF-SALESADM@hilton.com

To book directly with Parc 55 San Francisco, follow the link below:
<https://book.passkey.com/event/50060891/owner/1150/landing>

\$239 Single Rate \$259 Partial Triple Rate
\$239 Double Rate \$279 Quad Rate

A block of rooms is being held for conference participants at a rate of \$239 single or double occupancy plus hotel and sales tax. After October 3, 2020, reservations will be on a space and rate available basis. Reservations should be made directly with the hotel. Please be aware that a limited number of rooms in each category have been reserved and the hotel will likely sell out prior to the reservation's deadline of October 3, 2020.

By staying at the host hotel, you help the University of California, Davis meet its contractual obligations with the host hotel and keep future registration fees reasonable. Please consider that when making your accommodation decisions. We encourage you to stay at the host hotel.

San Francisco summers can be foggy and cool, but autumn is promoted by travel guides and experts as the best time to visit the city.

A popular tourist destination, San Francisco is known for its cool summers, fog, steep rolling hills, eclectic mix of architecture, and landmarks, including the Golden Gate Bridge, cable cars, the former Alcatraz Federal Penitentiary, Fisherman's Wharf, and it's Chinatown district. <https://www.sftravel.com/>

AIR TRAVEL to SAN FRANCISCO INTERNATIONAL AIRPORT (SFO)

San Francisco International Airport (SFO) offers nonstop flights to more than 49 international destinations on 41 international carriers. The Bay Area's largest airport connects nonstop with 83 cities in the U.S. on 13 domestic airlines. www.flysfo.com/flight-info

Disclosures

All planners, faculty, and staff have disclosed no relevant financial relationships with commercial interests.

REGISTRATION

Please register early – space is limited.

Early Bird Discount \$750

Confirmation of registration will be sent within two weeks after receipt of registration form. The fees will increase after September 6, 2020.

Tuition includes continental breakfasts, refreshment breaks, electronic syllabus, and an online certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Please note, credit card payments are accepted online only via registration link. Cash is not accepted. UC Davis Health and UC Davis School of Medicine faculty and staff are eligible for tuition discounts. See registration form for details. Conference materials cannot be guaranteed unless registration is received by October 23, 2020. The Department of Anesthesiology and Pain Medicine reserves the right to cancel this conference. In such a case, a full refund will be given.

Registration forms received without payment will not be processed until payment is received. Payment must be received within 10 days of registration. Early discount rates are honored if payment is received by the date noted on the registration form. After that date, the late fee is applied.

On Site Fees: At door registrations will be charged at a higher rate. Please see registration form for details.

Cancellation and Refund Policy

A refund of tuition, less \$100 administrative fee, will be allowed if requested in writing by October 3, 2020. No refunds will be provided after this date.

Electronic Evaluation and Credit

The link to your electronic syllabus and evaluation will be available online for 30 days after the last day of the conference. Once you have completed the evaluation your CME certificate will be sent via email within 30 days of the conference. A \$15 administrative fee will be applied.

Disclaimer

The information provided at this accredited course 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.



COURSE REGISTRATION

31ST ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE, NOVEMBER 6-8, 2020

Receipt/confirmation will be emailed within two weeks	Early Discount	After Sept 6	On Site	FEE DUE
All	\$750	\$825	\$875	

UC Davis Affiliate Fees (Please specify)
☐ Faculty ☐ Alumni ☐ Staff

Receipt/confirmation will be emailed within two weeks	Early Discount	After Sept 6	On Site	FEE DUE
All	\$600	\$660	\$700	

Optional Workshop Registration
Please register early, as workshops are limited and fill up fast.
Each workshop includes lunch and additional credit.

Workshop options	FEE DUE
Ultrasound Applications for the Anesthesiologist Friday, 1:30 PM - 5:00 PM (lunch included)	\$300
Regional Anesthesia Workshop Saturday, 1:30 PM - 5:00 PM (lunch included)	\$300

Meet The Faculty Networking Reception
(included in tuition, pre-registration required, guests invited)

☐ I will attend the Friday evening Meet the Faculty Reception ☐ I will not attend the Friday evening Meet the Faculty Reception	N/A
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Guests
I will bring _____ adults and children at \$60 each
Name(s) _____

Guest/Spouse Food Package
(Name badges must be worn. Meal tickets may be purchased for guests to join you for continental breakfast for three days).

Number of Adults _____ Name(s) _____	\$150
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TOTAL FEES

First Name _____ MI _____ Last Name _____

☐ MD ☐ DO ☐ PA ☐ NP ☐ RN
☐ CRNA (AANA License #) _____
☐ Other _____

Institution/Employer (as you would like it to appear on your badge) _____

Email for registration and certificate processing: _____

Address _____ City _____ State _____ Zip Code _____

() ()
Day Phone _____ Fax _____

Please indicate primary medical specialty:
Physician information required for CME credit and name badge.

☐ AN ☐ PAIN ☐ APM ☐ PMD ☐ PPN
☐ Other (specify) _____

Have you ever attended this conference? ☐ YES ☐ NO

☐ Please check here if you need disability accommodations at the meeting, please let us know by October 17TH and our representative will contact you.
☐ Please note special dietary/food allergy requirements. _____

Register Online:
<https://bit.ly/3d5aoQX>

Method of Payment:

- ☐ Check: Please make check payable to: UC Regents

Mail application and payment to:
Brenda Juan
Department of Anesthesiology and Pain Medicine
4150 V Street, PSSB Suite 1200
Sacramento, CA 95817

Department of Anesthesiology and Pain Medicine
4150 V Street, PSSB Suite 1200
Sacramento, CA 95817

Non-Profit Org.
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Paid
Davis, CA
Permit No.

If you cannot attend ... Please
give our brochure to a colleague!

DATED MATERIAL

PARC 55 SAN FRANCISCO

55 Cyril Magnin Street
San Francisco, California 94102

November 6-8, 2020

Friday - Sunday

31ST ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE

HIGHLIGHTS

- Focus on Minimizing the Risks of Anesthesia Care
- Interactive Discussions on Hot Topics in Acute Pain, Pediatric, Cardiac and OB Anesthesia
- Topics on Wellness and Workforce, AI and Anesthesia
- Ultrasound Applications for the Anesthesiologist Workshop
- Wine and Cheese Reception Friday Evening at the Parc 55 San Francisco Hotel
- This course contributes to the 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®

This program is self-supporting and receives no state funding.