

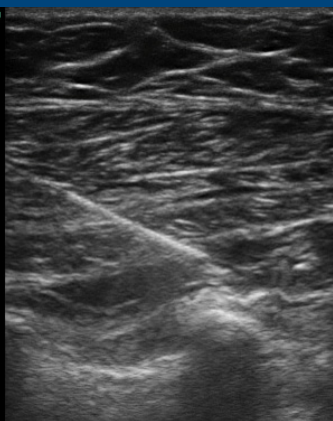
UC DAVIS HEALTH

29TH ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE **DECREASING PATIENT RISK IN A RISKY BUSINESS**



November 2-4, 2018
Monterey Plaza Hotel, Monterey, CA

Sponsored by:
Office of Continuing Medical Education and
Department of Anesthesiology and Pain Medicine



PROGRAM

Friday, November 2

7:00 am	Registration Continental Breakfast, Visit Exhibits
7:45 am - 8:00 am	Welcome and Course Objectives <i>Moderator: Stephen M Macres, MD</i>
8:00 am - 10:45 am	*Anesthesia Potpourri (Acute Pain Pearls, PACU Emergencies, Applications of POCUS, Anesthesia & Cancer Surgery, etc, etc) <i>Robin J Aldwinckle, BMBS, FRCA, Kenneth T Furukawa, MD, Stephen M Macres, MD, Jon Zhou, MD</i>
10:45 am - 11:15 am	Refreshment Break, Visit Exhibits
11:15 am - 11:55 am	*Perioperative Atrial Fibrillation: Review and Update <i>Nicole Weiss, MD</i>
11:55 am - 12:35 pm	*Diastolic Dysfunction: What should I call it? How do I measure it? Why do I care? <i>Neal Fleming, MD, PhD</i>
12:35 pm - 1:15 pm	*POCUS: Practical Applications of Ultrasound for the Perioperative Physician <i>Orode Badakhsh, MD</i>
1:15 pm - 2:00 pm	Lunch for workshop participants
2:00 pm - 5:30 pm	*Ultrasound Applications for the Anesthesiologists <i>Orode Badakhsh, MD, Robin J Aldwinckle, BMBS, FRCA, Neal Fleming, MD, PhD, Kenneth T Furukawa, MD, Stephen M Macres, MD, Nicole Weiss, MD, Jon Zhou, MD</i>
3:30 pm - 4:00 pm	Break

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

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

*Ultrasound Applications for the Anesthesiologist Workshop 2:00 pm - 5:30 pm

The Friday afternoon workshop will be a comprehensive review of Ultrasound Guided Peripheral Nerve Blockade, Transthoracic Echocardiography and Miscellaneous Point of Care Applications of Ultrasound. Additional fee, registration required, lunch included, registration limited, three (3) AMA PRA Category I Credits™

Robin J Aldwinckle, BMBS, FRCA,
Orode Badakhsh, MD, Neal Fleming, MD, PhD,
Kenneth Furukawa, MD,
Stephen M Macres, MD, Nicole Weiss, MD, Jon Zhou, MD

Saturday, November 3

7:00 am - 7:45 am	Registration Continental Breakfast, Visit Exhibits
7:45 am - 8:45 am	*Developing a Model for Perioperative Glycemic Control <i>Stephen M Rupp, MD</i>
8:45 am - 9:45 am	*Marijuana Legalization: Anesthetic Considerations <i>Kristin Bennett, DO</i>
9:45 am - 10:15 am	Refreshment Break, Visit Exhibits
10:15 am - 10:40 am	*Pediatric Video Laryngoscope Versus Direct Laryngoscope <i>Robert Scott Kriss, DO</i>
10:40 am - 11:05 am	*Safe Standards and Advances in Non Operating Room Anesthesia <i>Sarah Maclean, MBBS, FRCA</i>
11:05 am - 11:30 am	*Vital Signs are Vital...aren't they? <i>Cathy Lammers, MD</i>
11:30 am - 12:15 pm	Pediatric Anesthesia Hotline <i>Robert Scott Kriss, DO, Cathleen Lammers, MD, Sarah Maclean, MBBS, FRCA</i>
12:15 pm - 1:15 pm	Problem Based Learning Discussions or Lunch On Own

Problem Based Learning Discussions
Additional fee, registration required, lunch included, registration limited, 1 AMA PRA Category I Credit™

- 1. My patient is taking what? ----tran? ----ban? Perioperative implications of new anticoagulants**
Amrik Singh, MD
- 2. Anesthesia considerations for Patients on Buprenorphine**
Kristin Bennett, DO
- 3. Opioid Stewardship**
Cathleen Lammers, MD
- 4. Morbid obesity on L&D**
Nina Schloerker, MD
- 5. Managing a combative autistic child for denatal extractions and how to keep it safe**
Robert Scott Kriss, DO, Sarah Maclean, MD

1:15 am - 2:15 pm	*Oxygenation - something old, something new, something borrowed <i>Jeffrey Uppington, MBBS</i>
2:15 am - 3:15 pm	*Yes you can? Changing the outcome of your cancer patients <i>Nina Schloerker, MD</i>



PROGRAM

Sunday, November 4

- 7:00 am - 7:45 am **Registration**
Continental Breakfast, Visit Exhibits
- 7:45 am - 9:45 am ***Healer Heal Thyself: The Concept of Personal Well Being. Really! Burnout, Depression and Substance Abuse**
- 1. The New Epidemic**
Jeffrey Uppington, MBBS
 - 2. How We Can all Help**
Amrik Singh, MD
 - 3. How you can help yourself**
Robert Kaye, MD
- 9:45 am - 10:00 am **Refreshment Break, Visit Exhibits**
- 10:00 am – 11:00 am **Pregnancy Brain at Risk**
Maria Christina Gutierrez, MD
- 11:00 am – 12:00 pm **Know Before You Go**
Maria Christina Gutierrez, MD,
Kenneth Furukawa, MD,
Robert Kaye, MD,
Amrik Singh, MD,
Jeffrey Uppington, MBBS

Have a safe journey home!

* Lectures marked with asterisk (*) contributes to the patient safety CME requirement (see accreditation).

FACULTY

Course Chair

Stephen M Macres, MD
Professor
Director, Acute Pain Service

Course Co-Chairs

Richard L Applegate II, MD
Professor and Chair

Robin J Aldwinckle, BMBS, FRCA
Associate Professor
Director, Same Day Surgery Center

Amrik Singh, MD
Professor
Associate Chief, Division of Perioperative Medicine

Jeffrey Uppington, MBBS, FRCA
Professor
Vice Chair of Clinical Affairs

Guest Faculty

Stephen M Rupp, MD
Professor Emeritus
Virginia Mason Medical Center



FACULTY

UC Davis Department of Anesthesiology & Pain Medicine

Orode Badakhsh, MD
Assistant Professor

Kristin Bennett, DO
Assistant Professor

Neal W Fleming, MD, PhD
Professor

Kenneth T Furukawa, MD
Professor

Maria Christina Gutierrez, MD
Associate Professor

Robert P Kaye, MD
Assistant Professor

Scott Kriss, DO
Assistant Professor

Cathy Lammers, MD
Professor

Sarah Maclean, MBBS, FRCA
Assistant Professor

Nina Schloemerkemper, MD
Associate Professor

Nicole Weiss, MD
Assistant Professor

Jon Zhou, MD
Assistant Professor

Conference Coordinator

Beng Salud, BSBA
Education Manager

PROGRAM INFORMATION

Needs Assessment

The peri-anesthesia period can be associated with significant risk for patient harm, particularly in vulnerable patients. Diagnostic, therapeutic and anesthetic management choices can reduce those risks. Enhanced recovery after surgery (ERAS) is an idea that emerged from the work of Danish physician Henrik Kehlet. ERAS care elements can result in faster recovery and represent a unique way of providing coordinated medical care and surgery through the use of evidence based perioperative care elements. ERAS can also reduce complications associated with comorbidities such as diabetes, and lower readmission rates for our patients. Finally opioid sparing ERAS protocols can mitigate opioid related adverse events such as respiratory depression and post operative delirium.

Our goal this year is to address topics which decrease risks for our patients while enhancing their recovery. Topics that will be covered include: an overview of acute perioperative pain control, procedure specific analgesic interventions, update on NMDA receptor antagonists, gabapentinoids and cannabinoids, anesthesia and cancer surgery, management of atrial fibrillation and diastolic dysfunction, perioperative glycemic control, and pertinent issues in pediatric and obstetric anesthesia. The critically important issues surrounding well-being, including physician burnout, depression and substance abuse will also be discussed.

The ultrasound workshop will provide a comprehensive review of ultrasound guided regional anesthesia (USRA) peripheral nerve blocks and point of care ultrasound (POCUS) applications for cardiac, pulmonary and gastric evaluation.

This year's conference will provide practitioners with evidence based methods and strategies to assist them in providing better treatment options for their patients. Faculty presenting and interacting with participants at this activity 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 & Pain Medicine, UC Davis Public Affairs, Monterey Plaza Hotel, and Monterey CVB.

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 & Pain Medicine.



PROGRAM INFORMATION

Objectives:

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

1. Discuss the indications for truncal blocks.
2. Identify the risk factors for chronic post-surgical pain.
3. Discuss the indications, side effects and dosing of gabapentinoids and NMDA receptor antagonists.
4. Discuss the pharmacology of cannabinoids and implications for anesthesia.
5. Discuss functional cardiac changes associated with diastolic dysfunction.
6. Describe the perioperative management of atrial arrhythmias.
7. Identify strategies to optimize glycemic control during the perioperative period.
8. Discuss the importance of video laryngoscopy for pediatric anesthesia.
9. Discuss the recent literature about pediatric hemodynamics under anesthesia.
10. Identify risk factors for the development of stroke in the patient with preeclampsia.
11. Discuss factors associated with burnout, depression and substance abuse in the healthcare professional and be able to formulate a plan to address these problems.
12. Workshop attendees will additionally be able to demonstrate the ability to use point of care ultrasound (POCUS) to evaluate cardiac and pulmonary function.
13. Demonstrate the ability to perform ultrasound guided peripheral nerve blocks on the upper and lower extremities and trunk.

Target Audience

This activity is designed for anesthesiologists, pain medicine physicians, nurses, nurse anesthetists, residents, and fellows involved with the perioperative care of surgical patients.

Educational Methods

- Lectures with Q and 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.
- Roundtable discussions are included to facilitate a more in-depth understanding of clinical issues.
- 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 included to provide attendees with the opportunity to refine their nerve block, and echocardiography skills.



ACCREDITATION

The University of California, Davis, Health System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



Physician Credit

- **Physician Credit:** The University of California, Davis, Health System designates this live activity for a maximum of 19 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- **Nurse:** For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credits™* issued by organizations accredited by the ACCME. For the purpose of re-licensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credits™* (report up to 19 hours of credit and fill in "CME Category 1" for the provider number).
- **Physician Assistant:** The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credits™* are acceptable for continuing medical education requirements for recertification.
- **Nurse Anesthetist:** This program has been prior approved by the American Association of Nurse Anesthetists for 19 Class A CE credits; Code Number 1036293; Expiration Date 11/4/2018.

AMA PRA Category 1 Credits™

General Session: Up to 15 *AMA PRA Category 1 Credits™*

Optional Lunch Roundtable Sessions. Up to 1 *AMA PRA Category 1 Credit™*

Optional Afternoon Workshop

Up to 3 *AMA PRA Category 1 Credits™*

MOCA Statement: This activity 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 activity is approved for up to 15.5 MOCA 2.0® credits which are eligible for the patient safety component.

This activity contributes to the patient safety CME requirement for the CME component of the American Board of Anesthesiology's (ABA) redesigned Maintenance of Certification in Anesthesiology™ program and MOCA® are registered trademarks of The American Board of Anesthesiology®. MOCA 2.0® is a trademark of The American Board of Anesthesiology®.



LODGING

Monterey Plaza Hotel
400 Cannery Row
Monterey, California 93940
Tel 831-646-1700 | 800-334-3999
Email reservations@montereyplazahotel.com
<http://www.montereyplazahotel.com>

\$246 Inland View \$296 Partial Ocean View
\$356 Ocean View \$446 Ocean View Balcony

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 9, 2018, 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 reservations deadline of October 9, 2018.

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.

Just 100 miles south of San Francisco, Monterey's breathtaking scenery, rich history, world-renowned attractions and outdoor adventures invite one to grab life by the moment! Monterey is a dramatic setting for endless choices of activities all within minutes of convenient, charming overnight accommodations. Monterey is named a Top North American Golf Destination and the 2013 Top Ten Wine Travel Destination in the World. The Monterey Bay National Marine Sanctuary is home to favorite marine life that can be observed in one of the most amazing natural environments found anywhere in the United States. www.SeeMonterey.com

Air Travel To Monterey - Peninsula Airport (MRY)

For the Monterey Peninsula and the California Central Coast, regular flights are available from San Francisco, Los Angeles, Phoenix, Denver, Las Vegas, Salt Lake City, LA/Ontario and San Diego.

United Airlines Group Discount: To obtain Groups and Meetings discount prices go to <http://www.united.com> and enter Offer Code **ZET8 524628**

Ground Transportation: Hertz Car Rental Discount ID:
Convention Number (CV): **052G0001** (800) 654-2240



REGISTRATION

Please register early – space is limited.

Tuition is \$725

Confirmation of registration will be sent within two weeks after receipt of registration form. The fees will increase after September 5, 2018.

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. 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 24, 2018. The Department of Anesthesiology & 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, and payment must follow within 10 days. 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 18, 2018. No refunds will be provided after this date.

ELECTRONIC EVALUATION AND CREDIT

The link to your electronic syllabus, evaluation and certificate of credit will be available for 30 days after the last day of the conference. Once you have completed the online evaluation your certificate will be available to print. However, after 30 days this link will expire and these items are no longer available online. You must contact the Office of CME to receive your certificate. A \$15 administrative fee will be applied.



COURSE REGISTRATION

29TH ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE, NOVEMBER 2 - 4, 2018

Receipt/confirmation will be emailed within two weeks	Early Discount	After Sept 5	On Site	FEE DUE
All	\$725	\$800	\$850	

UC Davis Affiliate Fees (Please specify)

☐ Faculty ☐ Alumni ☐ Staff

Receipt/confirmation will be emailed within two weeks	Early Discount	After Sept 5	On Site	FEE DUE
All	\$575	\$650	\$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, 2:00-5:30 PM (lunch included)	\$300
Saturday Problem Based Learning - 12:15 pm 1st choice: 1 2 3 4	\$75

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

Guests
I will bring _____ adults and children at \$50 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).	FEE DUE
_____ Adults Name(s) _____	\$150
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 link to electronic syllabus

Address City State Zip Code
(where you would like your receipt emailed)

() ()
Day Phone Fax

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

☐ AN ☐ PAIN ☐ APM ☐ PMD ☐ PPN

☐ Other (specify) _____

Social Security Number
(last 4 digits required for transcript)

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Please copy the mail code from the address side of the brochure _____

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

Methods of payment: Registration forms received without check, credit card number or purchase order number will not be processed until payment is received. Registration is non-transferable.

- ☐ Check in U.S. Dollars only \$ _____
- ☐ Credit Card Payment (see below)
- ☐ Telephone: 916-734-1574
- ☐ Fax: 916-734-2975

Make check payable to: UC Regents

Send to:

Beng Salud, BSBA, Education Manager
Department of Anesthesiology & Pain Medicine
4150 V Street, Suite 1200 PSSB
Sacramento, CA 95817

Payment by credit card: For your protection, do not fax or email your registration form with credit card information. Please mail your registration or contact Beng Salud at (916) 734-1574 for assistance if you would like to use a credit card.

Bill To: ☐ Visa ☐ MasterCard ☐ American Express

Amount to be charged: \$ _____

Credit card number: _____ Expiration date _____

Card member's name: _____ Signature _____
(Please print)

Register online: <http://conferences.ucdavis.edu/29thanesthesiologyupdate>

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

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

DATED MATERIAL

MONTEREY PLAZA HOTEL

400 Cannery Row, Monterey, California

November 2-4, 2018

Friday - Sunday

29TH 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 Burnout, Depression and Substance Abuse
- Ultrasound Applications for the Anesthesiologist Workshop
- Problem Based Learning Discussion at Lunch Round Tables
- Wine & Cheese Reception Friday evening at the Monterey Plaza Hotel
- This activity 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), know as MOCA 2.0®

This program is self-supporting and receives no state funding