FRIDAY, NOVEMBER 7, 2014

7:00 am Registration, Continental Breakfast, Visit Exhibits

7:45 am Welcome and Course Objectives
Moderator: Stephen M. Macres, MD

Session I

8:00 am Current Concepts and Controversies in Acute Pain Management
Eugene Viscusi, MD

8:55 am Optimizing Perioperative Outcomes? How Regional Anesthesia Can Help
Robin Aldwinckle, MBBS, FRCA

9:45 am Refreshment Break, Visit Exhibits

10:15 am Moderators: Robin Aldwinckle, MBBS, FRCA

Session II

10:15 am Enhanced Recovery After Surgery: The Ten Commandments of Ultrasound Guided Peripheral Nerve Blockade
Stephen M. Macres, MD

11:05 am Peripheral Nerve Blocks of the Chest and Abdomen - Anatomy, Techniques and Practical Applications, and Review of the Evidence
Francis Salinas, MD

11:55 AM Panel Discussion/Q&A
Eugene Viscusi, MD, Steven M. Macres, MD, Francis Salinas, MD, Robin Aldwinckle, MBBS, FRCA

12:15 pm Adjourn

12:30 pm Lunch for Workshop Participants

1:00 - 5:30 pm INTERMEDIATE ULTRASOUND GUIDED PERIPHERAL NERVE BLOCK WORKSHOP

Additional fee, registration required, lunch included, registration limited, four [4] AMA PRA Category I Credits™ (MD ONLY)

The Friday afternoon workshop will be a comprehensive overview of ultrasound guided peripheral nerve blockade techniques offered in a small group format (5 participants per station). Upper extremity, lower extremity and truncal blocks will be reviewed.

Robin Aldwinckle, MBBS, FRCA, Kenneth Furukawa, MD, Steven M. Macres, MD, Brian Pitts, MD, Francis Salinas, MD, Eugene Viscusi, MD

SATURDAY, NOVEMBER 8, 2014

6:30 - 7:45 AM PROBLEM BASED LEARNING SESSIONS
Additional fee, registration required, breakfast included, registration limited, 1.25 AMA PRA Category I Credits™

1. Perioperative Pain Management of the Opioid Tolerant Patient
Stephen M. Macres, MD

2. Shoulder Surgery and the Respiratory Impaired - Tips to Avoid Complications
Robin Aldwinckle, MBBS, FRCA

3. Preoperative Cardiac Testing for Non Cardiac Surgery
Amrik Singh, MD

Nina Schloemerkemper, MD, FRCA

5. Every Child has a Fever - Is this MH?
Rajvinder Dhamrait, BS, BM, FCARCSI, FRCA

7:00 am Registration, Continental Breakfast, Visit Exhibits

7:45 am Welcome and Course Objectives
Moderator: Peter G. Moore, MD, PhD

Session I

8:00 am The Value Agenda: Improving Perioperative Outcomes for our Patients by Enhancing Recovery from Surgery
Peter Moore, MD, PhD

8:15 am Multimodality Enhanced Surgical Recovery Program for Abdominal Surgery - An Interdisciplinary Team Approach
Vijay Khatri, MD

8:55 am Opioids vs. Peripheral Nerve Blockade: Problems and Panaceas
Stephen M. Macres, MD

9:45 am Refreshment Break, Visit Exhibits

10:15 am Waste vs. Benefit: Comparative Effectiveness of Preoperative Screening Testing
Peter Moore, MD, PhD

10:40 am NPO Orders for Elective Surgery: Feast or Famine?
Robin Aldwinckle, MBBS, FRCA

10:55 am Thoracic Epidural vs. Paravertebral vs. Truncal Block: Does it Matter?
Kenneth Furukawa, MD
SUNDAY, NOVEMBER 9, 2014

7:00 am  Registration, Continental Breakfast
         Visit Exhibits

7:45 am  Welcome and Course Objectives
         Moderator: Jeffrey Uppington, MD

8:00 am  Bloody Mess - Managing Perioperative
         Anticoagulation in the Era of Tongue Twisters
         Anna Kowalczyk, MD

8:50 am  Substance Abuse Among Anesthesia Providers -
         Real People, Real Cases
         Amrik Singh, MD

9:40 am  Q & A

10:00 am Refreshment Break, Visit Exhibits

10:30 am How can I Improve my Day as the Occasional
         Pediatric Anesthesiologist?
         Rajvinder Dhamrait, BS, BM, FCARCSI, FRCA

11:20 pm ..but Grandpa Never was the Same Again
         Anesthesia and Post-Op Cognitive Function
         Nina Schloemerkemper, MD, FRCA

12:10 pm Q & A

12:30 pm Adjourn

Have a safe journey home!

SUNDAY, NOVEMBER 9, 2014

6:30 - 7:45 AM  PROBLEM BASED LEARNING SESSIONS
Additional fee, registration required, breakfast included, registration
limited, 1.25 AMA PRA Category I Credits™

6.  A Multimodal Approach to Acute Pain
      Management
      Eugene Viscusi, MD

7.  The Contribution of Anesthesiologists as
      Perioperative Physicians in Improving Outcomes
      in Total Knee Arthroplasty
      Francis Salinas, MD

8.  Developing Interdisciplinary Team Based
      Approach to Improving Quality Outcomes, Patient
      Experience, throughout Enhancement
      Vijay Khatri, MD

9.  Truncal Blocks: What are They?  How do They
      Work?  How do I place them?
      Kenneth Furukawa, MD

10. Caesarean Section in a Parturient with Heart
      Failure
       Anna Kowalczyk, MD
COURSE CHAIR
Stephen M. Macres, MD
Professor, Director, Acute Pain Service
UC Davis Department of Anesthesiology & Pain Medicine

COURSE CO-CHAIR
Peter G. Moore, MD, PhD
Professor, Chair of Anesthesiology
Jeffrey Uppington, MD
Professor, Vice Chair of Clinical Affairs

GUEST FACULTY
Eugene R. Viscusi, MD
Professor of Anesthesiology, Director, Acute Pain Management, Department of Anesthesiology, Thomas Jefferson University
Francis V. Salinas, MD
Deputy Chief of Anesthesia, Section Head of Orthopedic Anesthesia, Virginia Mason Medical Center

UC DAVIS HEALTH SYSTEM GUEST FACULTY
Vijay P. Khatri, MBChB, FACS
Professor, UC Davis Department of Surgery

UC DAVIS DEPARTMENT OF ANESTHESIOLOGY & PAIN MEDICINE FACULTY
Robin J. Aldwinckle, MBBS, FRCA
Associate Professor
Rajvinder Dhamrait, BS, BM, FCARCSI, FRCA
Associate Professor
Kenneth T. Furukawa, MD
Professor
Anna Kowalczyk, MD
Assistant Professor
Brian L. Pitts, MD
Associate Professor
Nina Schloemerkemper, MD, FRCA
Assistant Professor
Amrik Singh, MD
Professor

EMERITUS PROGRAM DIRECTOR
Amira Safwat, MD

CONFERENCE COORDINATOR
Beng Salud, BSBA
CME Meeting Planner
Department of Anesthesiology & Pain Medicine

LOCATION
Monterey Plaza Hotel
400 Cannery Row, Monterey, California 93940
831-646-1700
800-334-3999

INLAND VIEW: $209
PARTIAL OCEAN VIEW: $239
OCEAN VIEW: $305
OCEAN VIEW BALCONY: $350

A block of rooms is being held for conference participants at the special rates listed above. After October 8, 2014, 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 8, 2014.

By staying at the host hotel, you help the University of California, Davis, meet its contractual obligations with the Monterey Plaza Hotel and keep future registration fees reasonable. We encourage you to stay at the host hotel.

Perched dramatically over the Monterey Bay, the Monterey Plaza Hotel & Spa combines elegant European architecture, sweeping coastal views and sophisticated style to create the perfect vantage point from which to enjoy the gentle sounds of the surf, the fresh scent of sea air and the sight of otters, seals and dolphins at play.

The Monterey Plaza’s central location on Cannery Row makes it easy to enjoy the area’s many attractions and activities, including the world-renowned Monterey Bay Aquarium just three blocks away. The range of activities and attractions nearby is nearly limitless. Launch a kayak from the Hotel’s beach, play a round of golf at one of 19 local championship courses, go sailing, whale watch or scuba dive in the protected marine sanctuary of Monterey Bay. Walk to Fisherman’s Wharf, Old Town Monterey or the Maritime Museum, or take a scenic drive to Carmel, Pebble Beach, 17-Mile Drive or Big Sur.

Layered clothing is recommended as the meeting room temperature may be uncomfortable for some, depending on personal preferences. If you have any special needs due to a disability as specified in the Americans with Disabilities Act, please call the Department of Anesthesiology & Pain Medicine at (916) 734-1574 so we may make the necessary accommodations for you.
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. The five carriers that currently provide service to Monterey are affiliated with airlines around the world.

UNITED AIRLINES ONLINE RESERVATIONS
To obtain Groups and Meetings discount prices go to http://www.united.com and enter Offer Code ZS99724445.

GROUND TRANSPORTATION
Hertz Car Rental: To obtain discount prices go to http://www.hertz.com and enter Convention Number 04H70005 for discounted rates.
National Car Rental: 1 (800) CAR-RENT and request ID #5282865 for discounted rates.
Super Shuttle: http://supershuttle.com

EDUCATIONAL NEED
There has been a paradigm shift in the delivery of healthcare over the past several years. Last year, the conference focused on multimodal perioperative clinical pathways that would enhance patient recovery following major surgery. The goal of this year’s conference will be to expand upon these ideas. By supplanting traditional approaches to health care with evidence based “best practice” enhanced care clinical pathways can improve patient pain control, decrease length of hospital stay and decrease the incidence of post-operative complications. Some of the topics to be covered in this year’s conference include: the role of the anesthesiologist in an interdisciplinary team approach to enhanced recovery following surgery, optimal perioperative pain control using a multimodal approach, perioperative strategies for the opioid tolerant patient, optimal anesthetic techniques for the pediatric patient, optimal regional anesthesia pain control following thoracic surgery, substance abuse and the healthcare professional, general and cognitive decline following anesthesia, anticoagulation in the perioperative period, and conflicts in acute pain management. Our goal is to improve the quality of health care while reducing complications and expenses.

EDUCATIONAL OBJECTIVES
At the end of the activity, participants should be able to:

- Discuss the ideal perioperative management of acute post-op pain that optimizes patient recovery.
- Discuss the perioperative management of acute pain in the opioid dependent patient.
- List the adjuvant perioperative pain medications that are opioid sparing and discuss their mechanisms of action.
- Discuss economic aspects of regional anesthesia and various models of regional anesthesia systems.
- Describe the advantages of peripheral nerve blockade over general anesthesia.
- List the useful strategies for the performance of a successful ultrasound guided peripheral nerve block.
- Identify how ACLS is modified when cardiac arrest due to local anesthetic systemic toxicity (LAST) occurs.
- State the proper dose of fatty emulsion (Intralipid™) for LAST.
- Demonstrate improved performance of peripheral nerve blockade using ultrasound guidance.
- Identify the ideal peripheral nerve block for a specific surgical procedure.
- Identify the consequences of poor pain management.
- Describe the mechanisms of action of the different anticoagulants.
- Discuss the different theories about anesthetic related cognitive deficits.
- Discuss the risks and benefits of thoracic epidural analgesia and the regional anesthesia alternatives.
- Discuss the merits of an interdisciplinary pain management program that enhances patient recovery.
- Discuss the concepts of value-based healthcare directed at improving quality (IQ) by improving patient outcomes and reducing complications, delivered at a lower cost.
- Discuss the role of ultrasound guided regional anesthesia in an enhanced recovery program.
- Identify the signs and symptoms of substance abuse.

UC DAVIS HEALTH SYSTEM CME MISSION STATEMENT
To educate health care providers through evidence-based activities that emphasize advances in medicine, new medical technology, biomedical research, and changes in health care delivery to improve clinical outcomes.

TARGET AUDIENCE
The course is designed for anesthesiologists, pain medicine physicians, nurses, nurse anesthetists, residents and fellows involved with the perioperative care of surgical patients.

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.
Please register early – space is limited. Tuition is $650. Confirmation of registration will be sent within two weeks after receipt of registration form. The fees will increase after August 31, 2014.

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 System 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 17, 2014. The Department of Anesthesiology & Pain Medicine reserves the right to cancel to cancel this program. 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 $75 administrative fee, will be allowed if requested in writing by October 1, 2014. 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.

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.

CREDIT DESIGNATION

Physician Credit: The University of California, Davis, Health System designates this live activity for a maximum of 22.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA PRA Category 1 Credits™ are acceptable for other healthcare providers.

Dietitian: AMA PRA Category 1 Credits™ meet the requirements of the Commission on Dietetic Registration (CDR).

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 relicensure, the California Board of Registered Nursing accepts AMA PRA Category 1 Credits™.

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 Anesthetists: Nurse Anesthetists: This program has been approved by the American Association of Nurse Anesthetists for 18 CE Credits: Code Number 1029685; Expiration date 11/9/14. CRNAs must pay for and attend all optional sessions to receive 18 CE credits.

Pain Management
California Business and Professions Code (Section 2190.5) requires physicians and surgeons to complete 12 hours of mandatory continuing education on pain management and the appropriate care of the terminally ill. Physicians licensed prior to January 2002 were to have completed this requirement by December 31, 2006. Physicians licensed on or after January 1, 2002 must complete this requirement within 4 years of their initial license or by their second renewal date, whichever occurs first.

Cultural and Linguistic Competency Requirement
All continuing medical education (CME) courses with direct patient care components are required by California State statute to include curriculum on cultural and linguistic competency in the practice of medicine (California Business and Professions Code, Section 2190.1). Those who have developed this UC Davis CME activity have been encouraged to address cultural and linguistic differences for a diverse patient population related to this topic. A variety of resources are available that address these competencies. Additional resources and information can be found on our website, http://cme.ucdavis.edu.
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**OPTIONAL WORKSHOP ENROLLMENT**
Please register early, as workshops are limited and fill up fast. Each workshop includes a boxed lunch and additional credits.

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<th>Workshop options</th>
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<tr>
<td>Intermediate Ultrasound Peripheral Nerve Block Friday, 12:30-5:30 PM (MD only)</td>
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<tr>
<td>ACLS Renewal Course Saturday, 12:30-5:30pm</td>
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<td>Saturday Problem Based Learning: 6:30 am 1st choice: 1 2 3 4 5 2nd choice: 1 2 3 4 5</td>
<td>$50</td>
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<td>Sunday Problem Based Learning: 6:30 am 1st choice: 6 7 8 9 10 2nd choice: 6 7 8 9 10</td>
<td>$50</td>
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**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 $35 each
Name(s) ____________________________

**GUEST/SPouse FOOD PACKAGE**
(Include badges must be worn. Meal tickets may be purchased for guests to join you for continental breakfast. Fee includes group service charge and taxes)

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**TOTAL FEES**

**METHODS OF PAYMENT:** Registration forms received without check, credit card number or purchase order number will not be processed until payment is received. If faxing, do not mail or relax. Registration is non-transferable.

- [ ] Check in U.S. Dollars only $ ________
- [ ] Credit Card Payment (see below)
- [ ] Telephone: 916-734-1574
- [ ] Fax: 916-734-2975

**PAYMENT BY CREDIT CARD:**

- [ ] Visa
- [ ] MasterCard
- [ ] American Express

Amount to be charged: $ ________
Credit Card Number: ____________________________
Expiration Date ________ CVV Code ________
Card Member's Name: ____________________________
Signature ____________________________

**Make check payable to:** UC Regents

**Send to:** Beng Salud, Department of Anesthesiology & Pain Medicine 4150 V Street, Suite 1200 PSSB Sacramento, CA 95817

**Register online:** [http://conferences.ucdavis.edu/25thanesthesiologyupdate](http://conferences.ucdavis.edu/25thanesthesiologyupdate)

Please scan QR code to register
25TH ANNUAL UC DAVIS ANESTHESIOLOGY UPDATE
ENHANCED RECOVERY AFTER SURGERY II

MONTEREY PLAZA HOTEL
400 Cannery Row, Monterey, California

NOVEMBER 7-9, 2014
Friday - Sunday

HIGHLIGHTS

• Perioperative Pain Management Guidelines Update and Review
• Ultrasound Guided Regional Anesthesia Workshop
• Evidence based “Best Practice” Guidelines for Anesthesia and Surgery
• ACLS Recertification Workshop
• Optimizing Operative Outcome using Ultrasound Guided Regional Anesthesia Techniques
• Problem Based Learning Discussion at Breakfast Round tables
• Wine and Cheese Reception Friday evening at the Monterey Plaza hotel

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