UC Davis Medical Group offers nationally renowned primary care and specialty expertise based at UC Davis Medical Center and multiple medical offices across the greater Sacramento region. Medical group physicians, nurse practitioners and clinical nurse specialists emphasize wellness and prevention, apply the latest knowledge to solve health problems and offer access to promising clinical trials, newly proven therapies and advanced technologies when needed.

FOR PATIENTS

Find a UC Davis physician, nurse practitioner or clinical nurse specialist
Consumer Resource Center: 800-2-UCDAVIS (800-282-3284)

- General information about available providers and services
- Assistance with appointments and referrals
- Information about accepted insurance plans

Established UC Davis patients can also use the MyChart web-based portal to communicate with their care teams, request certain appointments and refills, access medical records and more.

FOR HEALTH PROFESSIONALS

Outpatient referrals and provider phone consultations
UC Davis Physician Referral Center: 800-4-UCDAVIS (800-482-3284) Option #2 Monday | Friday, 8 a.m. to 5 p.m. Or online (non-urgent) requests via referrals.ucdavis.edu

- Information about availability of specialty services
- Coordination and status of referrals to specialty services
- Assistance for provider-to-provider phone consultations with specialists

Acute interfacility transfers and after-hours consultations
24/7 Transfer Center: 800-4-UCDAVIS (800-482-3284)

- Round-the-clock, R.N.-led coordination of acute interfacility transfers
- After-hours coordination of emergent provider-to-provider telephone consultations for complex or unusual cases
- Transfer requests evaluated based upon clinical urgency, availability of resources and other factors

Referring physicians can receive real-time access to test results and clinical information for their patients at UC Davis through the PhysicianConnect online electronic medical record.
Robin J. Aldwinckle, M.D.

Title: Associate Professor

Specialty: Anesthesiology

Department: Anesthesiology

Division: General Anesthesiology

Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

Additional Phone: Phone: 916-734-5031
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education:
- House Ofcr-Gen Surgery/Gynecology, Queens Medical Centre, Nottingham, UK 1995
- Sr. House Ofcr-A&E, Tauranga Hospital, Tauranga, New Zealand 1997
- Sr. House Ofcr-Acute Specialties, Wellington Hospital, Wellington, New Zealand 1996
- House Ofcr-General Medicine, Treliske Hospital, Truro, UK 1995
- M.B.B.S., University of Nottingham, Nottingham, UK 1994

Internships:
- Medical Sr. House Ofcr, Poole General Hospital/Joyce Green Hospital, Dartford, UK 1997-1998

Residency:
- Anesthesia, Musgrove Park Hospital, Tauton, UK 1998-2000

Fellowships:
- Locum, Derriford Hospital, Plymouth, UK 2000
- Neonatology/Pediatrics, Musgrove Park Hospital, Tauton, UK 2000-2001

Board Certifications:
- CA Medical Board, License
- Royal College of Anaesthetists, UK

Select Recent Publications:


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Dua Massey Anderson welcomes LGBT patients.

**Philosophy of Care**

In my practice, excellence in care is the goal in every single patient encounter. It is so important to communicate well with patients, families, and colleagues to give the safest and most comfortable experience possible. I am honored to work with members of UC Davis Medical Center and Children's Hospital to give such amazing focus to our most precious patients.

**Clinical Interests**

Dr. Anderson has strong interests in Pediatric Anesthesiology and Congenital Cardiac patients and procedures. She is also passionate about academic practice, both in terms of clinical teaching as well as clinical research.

**Research/Academic Interests**

Dr. Anderson's research interests include Congenital Cardiac Anesthesia, intraoperative transfusion practices, and resident education. She also contributes to Quality and Safety Initiatives within clinical practice.

**Title**

Associate Physician Diplomate

**Specialty**

Anesthesiology, Pediatric Anesthesiology

**Department**

Anesthesiology

**Division**

Pediatric Anesthesiology

**Center/Program Affiliation**

UC Davis Children's Hospital

Trauma Program

**Address/Phone**

UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817

**Phone:** 800-2-UCDAVIS (800-282-3284)

**Additional Phone**

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**

M.D., UC Davis School of Medicine, Sacramento CA 2008

M.S., Molecular Biology, California State University, Sacramento CA 2001

Clinical Research - Division of Pain Medicine, UC Davis Medical Center, Sacramento CA 2001-2003

B.A., UC Berkeley, Berkeley CA 1999

**Internships**

Internal Medicine, UC Davis Medical Center, Sacramento CA 2008-2009
| **Residency** | Anesthesiology and Pain Medicine, UC Davis Medical Center, Sacramento CA 2009-2013 |
| **Fellowships** | Pediatric Anesthesiology, UC Davis Medical Center, Sacramento CA 2013-2014 |
| **Board Certifications** | Advanced Cardiac Life Support  
American Board of Anesthesiology  
Pediatric Advanced Life Support |
| **Professional Memberships** | American Society of Anesthesiologists  
Congenital Cardiac Anesthesia Society  
Society for Pediatric Anesthesia |
| **Honors and Awards** | American Academy of Pediatrics John J. Downes Resident Research Award, Society for Pediatric Anesthesia, 2011  
The Honor Society of Phi Kappa Phi, California State University, Sacramento, 2001 |
Richard L. Applegate welcomes LGBT patients.

Title: Professor and Chair, Department of Anesthesiology and Pain Medicine

Specialty: Anesthesiology

Division: General Anesthesiology

Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

Additional Phone: Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education:
- M.D., Loma Linda University School of Medicine, Loma Linda CA 1982
- B.S., Pacific Union College, Angwin CA 1978

Internships:
- Anesthesiology, Loma Linda University Medical Center, Loma Linda CA 1982-1983

Residency:
- Anesthesiology, Loma Linda University Medical Center, Loma Linda CA 1983-1985

Fellowships:
- Anesthesiology / Advanced Clinical Anesthesiology, Mayo Graduate School of Medicine, Rochester MN 1985-1986

Board Certifications:
- American Board of Anesthesiology, 1987
- National Board of Echocardiography, Perioperative Transesophageal Echocardiography, 2011

Professional Memberships:
- Alpha Omega Alpha Medical Honor Society
- American Society of Anesthesiologists
- American Society of Echocardiography
- California Society of Anesthesiologists
- International Anesthesia Research Society
- Society of Cardiovascular Anesthesiologists

Honors and Awards:
- Best Abstract in Category, Society for Neuroscience in Anesthesiology and Critical Care, 2013
- Best of Clinical Abstracts finalist; American Society of Anesthesiologists, 2012
- Kosaka Award Finalist; International Anesthesia Research Society, 2007

Select Recent Publications: To view Dr. Applegate's publications, please click here.
Orode Badakhsh, M.D.

Orode Badakhsh welcomes LGBT patients.

**Title**  
Assistant Professor

**Specialty**  
Anesthesiology, Adult Cardiovascular Anesthesiology

**Department**  
Anesthesiology

**Division**  
Cardiovascular and Thoracic Anesthesia

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., University of Nebraska College of Medicine, Omaha NB 2008  
B.S., Creighton University, Omaha NB 2001

**Internships**  
Surgery, UC Davis Medical Center, Sacramento CA 2008-2009

**Residency**  
Anesthesiology, UC Davis Medical Center, Sacramento CA 2009-2012

**Fellowships**  
Cardiac Anesthesiology, UC Davis Medical Center, Sacramento CA 2012-2013

**Board Certifications**  
American Board of Anesthesiology  
National Board of Echocardiography, Perioperative Transesophageal Echocardiography

**Honors and Awards**  
Outstanding Teacher of the Year, 2013

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Kristin Emily Bennett welcomes LGBT patients.

**Title:** Assistant Professor

**Specialty:** Anesthesiology

**Department:** Anesthesiology

**Division:** General Anesthesiology

**Address/Phone:** Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone:** 916-734-5031  
**Physician Referrals:** 800-4-UCDAVIS (800-482-3284)

**Education**
- D.O., Midwestern University, Glendale AZ 2006
- B.S., UC San Diego, La Jolla CA 2001

**Residency**
- Anesthesiology, UC Davis Medical Center, Sacramento CA 2009-2012
- General Surgery, University of Florida HSC, Jacksonville FL 2006-2008

**Fellowships**
- Pain Medicine, UC Davis Medical Center, Sacramento CA 2012
- Surgical Critical Care, University of Florida HSC, Jacksonville FL 2008-2009

**Board Certifications**
- American Board of Anesthesiology

**Professional Memberships**
- American Osteopathic Association
- American Society of Anesthesiologists

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Christian H. Bohringer, M.B.B.S.

Christian H. Bohringer welcomes LGBT patients.

**Philosophy of Care**
Dr. Bohringer aims for competent care with good patient outcomes.

**Clinical Interests**
Dr. Bohringer has clinical interests in cardiac anesthesia, intraoperative echocardiography, vascular anesthesia and thoracic anesthesia.

**Title**
Professor

**Specialty**
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-5031
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**
M.B.B.S., University of New South Wales, New South Wales, 1990

**Internships**
St. Vincent's Hospital, Sydney, Australia, 1990-1992

**Residency**
Anaesthetic and Intensive Care registrar, Gosford Hospital, Sydney, Australia, 1993-1994
Intensive Care Registrar, John Hunter Hospital, Newcastle, Australia, 1994-1995
John Hunter Hospital/Mater Misericordiae Hospital, Newcastle, Australia, 1995-1997

**Fellowships**
Intensive Care, John Hunter Hospital, Newcastle, Australia, 1997-1998
Anaesthetic Registrar/Intensive Care, John Hunter Hospital, Newcastle, Australia, 1998-1999

**Board Certifications**
Board Certified, ICU and Anesthesia, Australia, 2000
National Board of Echocardiography, 2003

**Professional Memberships**
American Medical Association
Australian College of Anaesthetists
Australian College of Intensive Care Medicine
California Society of Anesthesiologists

**Honors and Awards**
Outstanding Resident Teaching Award, Department of Anesthesiology and Pain Medicine, UC Davis Medical Center 2001, 2003

UC DAVIS HEALTH
Christian H. Bohringer, M.B.B.S.

Select Recent Publications


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Catalin Cantemir, M.D.

Catalin Cantemir welcomes LGBT patients.

Title: Assistant Professor

Specialty: Anesthesiology

Department: Anesthesiology

Division: General Anesthesiology

Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

Phone: 916-734-5028

Additional Phone: 916-734-5031

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education: M.D., University of Medicine and Pharmacy, Carol Davila, Bucharest, Romania, 1996

Internships: Internal Medicine, Hospital of Saint Raphael, New Haven CT 2003-2004

Residency: OB/GYN, Saint Pantelimon Emergency Hospital, Bucharest, Romania 1997-1999

Anesthesiology, Yale University, New Haven CT 2004-2007

Board Certifications: American Board of Anesthesiology


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Cristina Chandler welcomes LGBT patients.

**Philosophy of Care**
Dr. Chandler has pledged to be part of a team that practices integrity, accountability, and respect. She strives to provide the highest standards of compassionate care to all her patients, particularly with respect to open communication and alleviating patient concerns.

**Clinical Interests**
Dr. Chandler's clinical interests include OB anesthesia and acute pain medicine, with particular emphasis on the management of high risk patients and the factors impacting anesthesia plans. Dr. Chandler is also committed to the training and medical education of anesthesia residents and medical students.

**Title**
Assistant Clinical Professor

**Specialty**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

**Languages**
French, Romanian

**Education**
M.D., Carol Davila University of Medicine, Bucharest, Romania 1995

**Internships**
Surgery and Internal Medicine, University Hospital, Bucharest, Romania 1995-1996

**Residency**
Anesthesia and Intensive Care, University Hospital, Bucharest, Romania 1996-1998
Anesthesia and Intensive Care, Far East Rand Hospital, Johannesburg, S. Africa 1998-2001

**Board Certifications**
American Board of Anesthesiology
Romanian Board of Physicians, 2004
Royal College of Anaesthetists, UK, 2009
South African College of Physicians, 2004

**Professional Memberships**
American Society of Anesthesiologists
California Society of Anesthesiologists
College of Physicians, Romania
College of Physicians, South Africa
Royal College of Anaesthetists, UK
Julianna Clark-Wronski welcomes LGBT patients.

Title: Assistant Professor

Specialty: Anesthesiology

Department: Anesthesiology

Division: Pediatric Anesthesiology

Center/Program Affiliation: UC Davis Children's Hospital

Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

Phone: 916-734-5028

Additional Phone: Phone: 916-734-5031

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education:

M.D., University of Texas Medical Branch, Galveston TX 2008

B.A., University of St. Thomas, Houston TX 1996

B.A., University of Texas, Austin TX 1998

Internships:

Clinical Base, Advocate Illinois Masonic Medical Center, Chicago IL 2008-2009

Residency:

Anesthesiology, Advocate Illinois Masonic Medical Center, Chicago IL 2009-2012

Fellowships:

Pediatric Anesthesiology, UC Davis Medical Center, Sacramento CA 2013

Board Certifications:

American Board of Anesthesiology

American Board of Anesthesiology - Pediatric Anesthesiology

Professional Memberships:

American Society of Anesthesiologists

Illinois Society of Anesthesiologists

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David J. Copenhaver, M.D., M.P.H.

**Philosophy of Care**
Cancer Pain Management and Supportive Care - Using all means necessary to reduce pain, improve function and the quality of our patient's lives.

**Clinical Interests**
- Cancer Pain Management and Supportive Care
- Pain Medicine Education and Telementoring - Improving pain care across the state of California and beyond through the use of technology.

**Research/Academic Interests**
Dr. David Copenhaver is a board certified anesthesiologist and pain medicine specialist and faculty in the Anesthesiology and Pain Medicine at UC Davis Health Center. Dr. Copenhaver is the director of Cancer Pain Management and Supportive Care Program in addition to the Pain Medicine Telehealth program at UC Davis. Dr. Copenhaver has research interests in health services administration, pain medicine education, responsible opioid management, targeted drug delivery, and the applied use of stem cells in the setting of intervertebral disc disease. Copenhaver completed his undergraduate degrees in Neuroscience, Physiology and Behavior at UC Davis. He subsequently went on to UCLA to complete his medical school education and a master's degree in public health. Dr. Copenhaver completed his residency in Anesthesiology at Columbia University College of Physicians and Surgeons and his pain medicine fellowship at UC Davis.

**Title**
- Director of Cancer Pain Management & Supportive Care
- Director of Pain Tele-Health programs

**Specialty**
- Anesthesiology, Pain Medicine, Interventional Pain Medicine, Palliative Care

**Division**
- Pain Medicine

**Center/Program Affiliation**
- UC Davis Comprehensive Cancer Center

**Address/Phone**
- Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
  - **Phone:** 916-734-7246
- UC Davis Comprehensive Cancer Center, 2279 45th Street Sacramento, CA 95817
  - **Phone:** 916-734-5959

**Additional Phone**
- Fax: 916-734-6827
- Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Languages**
French, Spanish
David J. Copenhaver, M.D., M.P.H.

| Education          | M.D., David Geffen School of Medicine - UC Los Angeles, Los Angeles CA 2005  
                      M.P.H., Fielding School of Public Health UC Los Angeles, Los Angeles CA 2005  
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<td>Internships</td>
<td>Internal Medicine, UC Los Angeles, Los Angeles CA 2005-2006</td>
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<td>Residency</td>
<td>Anesthesiology, Columbia-Presbyterian Hospital, Manhattan NY 2006-2009</td>
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<td>Pain Medicine, UC Davis Medical Center, Sacramento CA 2009-2010</td>
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<td>American Board of Anesthesiology, Pain Medicine, 2011</td>
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<td>International Association for the Study of Pain</td>
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<td>Honors and Awards</td>
<td>Outstanding Teacher of the Year UC Davis Pain Medicine 2011-2014</td>
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<td>Gary Collins Fellow Teacher of the Year Award UC Davis, 2010</td>
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<td>Cheung SW, Bonham BH, Schreiner CE, Godey B, Copenhaver DA. Realignment of interaural</td>
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Charles De Mesa welcomes LGBT patients.

**Philosophy of Care**
Holistic approach to treating patients with an emphasis on wellness recognizing the musculoskeletal system as a key element of health.

**Clinical Interests**
Dr. De Mesa's clinical interests include: Traditional intervention spine techniques, Ultrasound-guided pain interventions, Musculoskeletal Pain Medicine, and Manual Therapy.

**Research/Academic Interests**
Dr. De Mesa's research interests include: Dynamic neuromusculoskeletal ultrasound and compressive neuropathies such as neurogenic thoracic plexus pathology.

**Title**
Director of Pain Medicine Fellowship
Director of Musculoskeletal Pain Medicine
Assistant Professor Department of Anesthesiology and Pain Medicine

**Specialty**
Anesthesiology Pain Medicine, Physical Medicine and Rehabilitation, Musculoskeletal Pain Medicine

**Division**
Pain Medicine
UC Davis Medical Group, Folsom

**Clinic**
UC Davis Medical Group, Folsom

**Center/Program Affiliation**
Spine Center
UC Davis Medical Group

**Address/Phone**
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
**Phone:** 916-734-7246

Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816
**Phone:** 916-734-7463

UC Davis Medical Group - Folsom, 271 Turn Pike Dr. Folsom, CA 95630
**Phone:** 916-985-9300

**Additional Phone**
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**
D.O., A.T. Still University ? Kirksville College of Osteopathic Medicine, Kirksville MO 2010
M.P.H., Environmental and Occupational Health, University of Hawaii-Manoa, Honolulu HI 1999
B.S., Boston College, Chestnut Hill MA 1997

**Internships**
Charles De Mesa, D.O., M.P.H.

Maimonides Medical Center, Brooklyn NY 2010-2011

**Residency**
Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston TX 2010-2013
Chief Academic Resident- Physical Medicine and Rehabilitation, Baylor College of Medicine, Houston TX 2013-2014

**Fellowships**
Pain Medicine, UC Davis Medical Center, Sacramento CA 2014-2015

**Board Certifications**
American Board of Physical Medicine and Rehabilitation
American Board of Physical Medicine and Rehabilitation, Pain Medicine

**Professional Memberships**
American Academy of Pain Medicine
American Association of Physical Medicine and Rehabilitation
American Medical Association
American Osteopathic Association

**Honors and Awards**
UC Davis Division of Pain Medicine Gary Collins, M.D. Memorial Fellow Teacher of the Year Award, 2015
Oliver R. Smith, M.D. Award for Outstanding Resident, 2014
Carlos Vallbona, M.D. Professionalism Award, 2014
Baylor College of Medicine / University of Texas PMR Alliance Resident Teacher of the Year Award, 2014
Drs Isabelle and Josephine Morelock Osteopathic Scholarship Award ATSU-KCOM, 2008
Excellence Award, ATSU-KCOM Area Health Education Preventive Medicine and Community Service, 2007

**Select Recent Publications**


De Mesa C, Amley, X, Lam, P, Seales, M, Kerstein, J. Mediastinitis following a routine dental


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Herman DeVera, M.D., M.S.

Title: Senior Associate Physician Diplomat

Specialty: Anesthesiology

Department: Anesthesiology

Division: General Anesthesiology

Email: hdevera@ucdavis.edu

Education:
- M.D., Uniformed Services University of the Health Sciences, Bethesda MD 1980
- M.S., Pharmacology, Hahnemann Medical College, Philadelphia PA 1974
- B.S., University of Wisconsin, Oshkosh WI 1972

Internships:
- Anesthesiology, Walter Reed Army Medical Center, Washington DC

Residency:
- Anesthesiology, Walter Reed Army Medical Center, Washington DC

Board Certifications:
- American Board of Anesthesiology

Professional Memberships:
- American Society of Anesthesiology
- International Anesthesia Research Society
- Regional Anesthesia and Pain Medicine

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Clinical Interests
Dr. Dhamrait is the Director of Pediatric Anesthesiology in the Department of Anesthesiology and Pain Medicine and is the Medical Director of the Children's Surgery Center. He completed 7 years of anesthesia training in the UK, including a fellowship in pediatric anesthesia, and joined the department in 2006. He administers anesthesia to neonatal and pediatric patients scheduled to undergo a wide variety of surgical and radiological procedures at UC Davis Children's Hospital, including complex congenital cardiac surgery. Dr. Dhamrait is active in the training of pediatric anesthesia fellows, anesthesiology and pediatric residents, and medical students, and is active in clinical research. Dr Dhamrait also provides anesthesia services for adult patients.

Title
Associate Professor
Director, Pediatric Anesthesiology

Specialty
Anesthesiology - Cardiovascular and Thoracic, Pediatric Anesthesiology

Department
Anesthesiology

Division
Pediatric Anesthesiology

Center/Program Affiliation
UC Davis Children's Hospital

Address/Phone
UC Davis Children's Hospital, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-282-3284

Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Languages
Punjabi

Education
B.M., University of Southampton, Southampton, Hampshire, 1994
B.Sc., University of Southampton, Southampton, Hampshire, 1994

Internships
University of Southampton, Southampton, Hampshire, 1994-1995

Residency
Portsmouth University Hospital, Portsmouth, Hampshire, 1995-1998
Portsmouth University Hospital, Portsmouth, Hampshire, 2000-2001
University of Southampton, Southampton, Hampshire, 1998-2000
University of Southampton, Southampton, Hampshire, 2001-2003

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

Board Certifications
- College of Anaesthetists of the Royal College of Surgeons, Ireland, 2003
- Diploma in Child Health, Royal College of Paediatrics and Child Health, UK, 2001
- Royal College of Anaesthetists, UK, 2003

Professional Memberships
- American Society of Anesthesiologists
- California Society of Anesthesiologists
- Congenital Cardiac Anesthesia Society
- Royal College of Anaesthetists, UK
- Society of Pediatric Anesthesiologists

Select Recent Publications

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Clinical Interests
My interest is in diseases of cholinergic neuromuscular and autonomic synapses, such as myasthenia gravis and congenital myasthenic syndrome. Our aim is to understand the pathological basis for these diseases at a molecular level and to define new therapeutic targets for the treatment of these disorders.

Research/Academic Interests
My research interest is in understanding the cellular and molecular basis of synapse formation in the mammalian nervous system. Synapse formation is critical for the formation, maintenance and plasticity of the nervous system and perturbations in synaptic structure and function have been implicated in a range of neurological disorders.

My research focuses on cholinergic synapses that play critical roles in the functioning of both the peripheral and central nervous systems. Our main aims are (1) to define the extracellular synaptogenic factors that regulate the formation and maintenance of neuromuscular and neuronal autonomic synapses in the PNS; (2) to define the intracellular mechanisms that regulate the trafficking and localization of nicotinic acetylcholine receptors at these synapses; and (3) to establish how defects in synapse formation or receptor localization contribute to neurological diseases such as myasthenia gravis and congenital myasthenic syndromes. This includes collaborative studies with clinician-scientists at UC Davis.

Title
Professor

Department
Anesthesiology
Physiology and Membrane Biology

Address/Phone
Tupper Hall, Department of Physiology and Membrane Biology, Tupper Hall, Rm 4218 One Shields Ave. Davis, CA 95616

Additional Phone
Phone: 530-754-4973

Email
mjferns@ucdavis.edu

Education
Ph.D., University of Western Australia, Perth, Crawley, 1988
B.Sc., University of Otago, Dunedin, 1983

Select Recent Publications


Borges, L., %26amp%3B Ferns, M. Agrin-induced phosphorylation of the acetylcholine receptor
Michael John Ferns, B.Sc.(Hons), Ph.D.


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Clinical Interests

Dr. Fishman is continuing his educational and research activities in chronic pain, cancer pain management, psychiatric issues of chronic illness and pain, neuropathic pain treatment strategies, and medical informatics.

Title

Chief of Pain Medicine
Professor
Vice Chair for Pain Medicine & Faculty Development

Specialty

Anesthesiology, Hospice and Palliative Medicine, Pain Medicine

Department

Anesthesiology

Division

Pain Medicine

Clinic

Pain Management Clinic

Center/Program Affiliation

UC Davis Medical Group
Spine Center

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
Phone: 916-734-7246

UC Davis Medical Group - Folsom, 1370 Prairie City Rd. Folsom, CA 95630
Phone: 916-985-9300

Additional Phone

Clinic Phone: 916-734-7246
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education

M.D., University of Massachusetts Medical School, Worcester, Massachusetts, 1990
B.A., Hampshire College, Amherst, Massachusetts, 1981

Internships

Greenwich Hospital, Yale University, New Haven, Connecticut, 1992

Residency

Greenwich Hospital, Yale University, New Haven, Connecticut, 1992
Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts, 1996

Fellowships

Massachusetts General Hospital, Harvard Medical School, Cambridge, Massachusetts, 1995

Board Certifications

American Board of Internal Medicine, 2005
American Board of Pain Medicine
Neal Wayne Fleming welcomes LGBT patients.

Clinical Interests
Dr. Fleming has clinical interests in cardiovascular monitoring. His research interests are in neuromuscular physiology and pharmacology.

Title
Director, Cardiovascular and Thoracic Anesthesia
Professor of Clinical Anesthesia

Specialty
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

Department
Anesthesiology

Division
Cardiovascular and Thoracic Anesthesia

Center/Program Affiliation
Cardiovascular Services

Address/Phone
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

Additional Phone
Phone: 916-734-5046
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Email
nwfleming@ucdavis.edu

Education
M.D., University of Kansas School of Medicine, Kansas City KS 1981
Ph.D., Georgetown University, Washington DC 1989
B.A., Grinnell College, Grinnell IA 1977

Residency
Georgetown University School of Medicine, Washington DC 1982-1985

Fellowships
Georgetown University School of Medicine, Washington DC 1985-1986

Board Certifications
American Board of Anesthesiology, 1986
National Board of Echocardiography, 2003
National Board of Medical Examiners, 1983

Professional Memberships
American Medical Association
American Society of Anesthesiologists
Association of Anesthesia Clinical Directors (1997-1999)
California Society of Anesthesiologists
Select Recent Publications

The comparison of stroke volume variation and arterial pressure-based cardiac output with standard hemodynamic measurements during cardiac surgery. 2010.


Deyhimy OI, Fleming NW, Brodkin IG, Liu H. Anesthetic preconditioning combined with postconditioning offers no additional benefit over preconditioning or postconditioning alone.
Neal Wayne Fleming, M.D., Ph.D.


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Marc R. Friedman welcomes LGBT patients.

**Title**  
Assistant Professor

**Specialty**  
Anesthesiology

**Department**  
Anesthesiology

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
Phone: 916-734-5028

**Additional Phone**  
Phone: 916-734-5031  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., New York University School of Medicine, New York NY 1980

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Kenneth Furukawa, M.D.

Clinical Interests
Dr. Furukawa specializes in pediatric anesthesiology, acute pain management including the perioperative period, and pediatric and adult chronic pain management. An area of interest is anesthesia and pain management of burned patients.

Title
Health Sciences Clinical Professor

Specialty
Anesthesiology, Pain Medicine, Pediatric Anesthesiology

Department
Anesthesiology

Division
Pain Medicine
Pediatric Anesthesiology

Center/Program Affiliation
Spine Center
UC Davis Children's Hospital

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
Phone: 916-734-7246

Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816
Phone: 916-734-7463

Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education
M.D., University of Texas Medical Branch at Galveston, Galveston TX 1985
B.A., Pomona College, Claremont CA 1981

Internships
The University of Texas Medical Branch, Galveston TX 1986

Residency
The University of Texas Medical Branch, Galveston TX 1987
Walter Reed Army Medical Center, Washington, D.C. 1992

Board Certifications
American Board of Anesthesiology, 1993
American Board of Anesthesiology, Pain Medicine, 1998

Professional Memberships
American Burn Association
American Medical Association
American Society of Anesthesiologists and California Society of Anesthesiologists
American Society of Regional Anesthesia and Pain Medicine
California Medical Association
Kenneth Furukawa, M.D.

Sierra Sacramento Valley Medical Society
Society for Pediatric Anesthesia
Society for Pediatric Pain Medicine

Honors and Awards
UC Davis Pain Management Center Teacher of the Year, 2008
Meritorious Service Medal with 3 oak leaf clusters
Army Commendation Medal with 5 oak leaf clusters
North Atlantic Treaty Organisation (NATO) Service Ribbon, 1999
Reserve Forces Service Ribbon, 1991
Army Achievement Medal, 1988
Distinguished Military Graduate, 1981
Reserve Officers Training Corporation (ROTC) Award, Pomona College, 1981

Select Recent Publications


Reynolds PC, Furukawa KT. Modern draw-over anesthetic vaporizers used to deliver anesthesia in austere and battlefield conditions. Mil Med. 2003 May;168(5):ii-iii.

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Julie Gardner welcomes LGBT patients.

**Title**
Assistant Professor

**Specialty**
Anesthesiology

**Department**
Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-5031

**Physician Referrals:** 800-4-UCDAVIS (800-482-3284)

**Education**
M.D., University of Southern California-Keck School of Medicine, Los Angeles CA 2006

B.A., Stanford University, Stanford CA 2000

**Internships**
Internal Medicine, UC Los Angeles Medical Center, Los Angeles CA 2006-2007

**Residency**
Anesthesiology, UC Davis Medical Center, Sacramento CA 2008-2011

**Board Certifications**
American Board of Anesthesiology

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Jon Kent Garman welcomes LGBT patients.

Research/Academic Interests
Cardiovascular Anesthesia and Teaching Techniques

Title
Associate Physician Diplomate, UC Davis Medical Center
Professor Emeritus, Stanford University

Specialty
Cardiovascular Anesthesia, Professional Management

Department
Anesthesiology

Division
General Anesthesiology

Address/Phone
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone
Phone: 916-703-6183

Education
M.D., Temple University School of Medicine, Philadelphia PA 1965
M.S., Stanford University Graduate School of Business, Stanford NC 1983
A.B., Duke University, Durham NC 1961

Internships
Rotating, University of Virginia, Charlottesville VA 1966

Residency
Anesthesia, University of Pennsylvania, Philadelphia PA 1971

Fellowships
Respiratory Physiology, University of Pennsylvania, Philadelphia PA 1972

Board Certifications
American Board of Anesthesiology, 1973
Certified Physician Executive (CPE) by Certifying Commission in Medical Management, 1998

Professional Memberships
Academy of Anesthesiology
American Society of Anesthesiologists
Association of Cardiac Anesthesiologists, Past President
Association of U.S. Naval Flight Surgeons
California Society of Anesthesiologists, Past President

Honors and Awards
Distinguished Service Award by California Society of Anesthesiologists, 2005

Select Recent Publications
Garman, JK: Use of low-flow, low-pressure cardiopulmonary bypass is an acceptable technique. J. Cardiothoracic and Vasc. Anesthesia 1991; 5:399-401,
Matthew Grow, M.D.

<table>
<thead>
<tr>
<th>Clinical Interests</th>
<th>Matthew Grow provides general anesthesia to patients undergoing a wide range of surgical procedures. Additionally, Grow and three of his colleagues are part of the liver transplantation team at UC Davis Medical Center.</th>
</tr>
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<tbody>
<tr>
<td>Title</td>
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<td>Specialty</td>
<td>Anesthesiology</td>
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<td>Department</td>
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<td>General Anesthesiology</td>
</tr>
<tr>
<td>Address/Phone</td>
<td>Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817 Phone: 916-734-5028</td>
</tr>
<tr>
<td>Additional Phone</td>
<td>Physician Referrals: 800-4-UCDAVIS (800-482-3284)</td>
</tr>
<tr>
<td>Education</td>
<td>M.D., University of Nevada School of Medicine, Reno, Nevada, 1999 B.S., University of Nevada, Reno, Nevada, 1995</td>
</tr>
<tr>
<td>Internships</td>
<td>University of Nevada/VA Medical Center, Reno, Nevada, 1999-2000</td>
</tr>
<tr>
<td>Residency</td>
<td>University of California, Davis Medical Center, Sacramento, California, 2000-03</td>
</tr>
<tr>
<td>Board Certifications</td>
<td>American Board of Anesthesiology, 2003</td>
</tr>
</tbody>
</table>
| Professional Memberships | American Society of Anesthesiology  
California Society of Anesthesiology |

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Maria Gutierrez, M.D.

**Philosophy of Care**
My goal is to make the childbirth process a safe and enjoyable experience for all my patients.

**Clinical Interests**
Dr. Gutierrez's focus is management of high risk obstetric patients and education of the residents on different aspects of the anesthetic care for pregnant women. Additionally, she also participates on simulation education to residents, medical students and nurses, with emphasis in obstetric crisis management.

**Title**
Assistant Clinical Professor, Department of Anesthesiology & Pain Medicine

**Specialty**
Obstetric Anesthesia

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
**Phone:** 800-2-UCDAVIS (800-282-3284)

**Additional Phone**
Phone: 916-734-5031

**Languages**
Spanish

**Education**
M.D., Universidad de Antioquia, Medellin, Colombia 1997

**Internships**
Surgery, UC Davis Medical Center, Sacramento CA 2006-2007

**Residency**
Anesthesiology and Pain Medicine, UC Davis Medical Center, Sacramento CA 2007-2010

**Fellowships**
Obstetric Anesthesia, Stanford University Medical Center, Palo Alto CA 2010-2011

**Board Certifications**
American Board of Anesthesiology - Diplomate, 2014
Medical Board of California, 2009

**Professional Memberships**
American Society of Anesthesiologists
Sociedad Antioqueña de Anestesiología y Reanimación (Antioquia Society of Anesthesiology and Resuscitation)
Sociedad Colombiana de Anestesiología y Reanimación (Colombian Society of Anesthesiology and Resuscitation)
Society of Obstetric Anesthesia and Perinatology
Select Recent Publications


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Thomas L. Hughes, M.D., Pharm.D.

Title: Assistant Professor
Specialty: Anesthesiology
Department: Anesthesiology
Division: General Anesthesiology
Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028
Additional Phone: Phone: 916-734-5031
Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education: M.D., UC Davis School of Medicine, Sacramento CA 1985
Pharm.D., University of the Pacific, Stockton CA 1976
Internships: Internal Medicine, University of Arizona, Tuscon AZ 1986
Residency: Anesthesiology, UC Davis Medical Center, Sacramento CA 1989
Board Certifications: American Board of Anesthesiology
Professional Memberships: American Society of Anesthesiology
California Society of Anesthesiology
Select Recent Publications:


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Brian R. Jones, M.D.

Brian R. Jones welcomes LGBT patients.

Title: Assistant Professor
Specialty: Anesthesiology
Department: Anesthesiology
Division: General Anesthesiology
Address/Phone: Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028
Additional Phone: 916-734-5031
Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education:
M.D., UC San Diego School of Medicine, San Diego CA 1985
B.S., UC San Diego, San Diego CA 1981
Internships: Tuscon Hospitals, Tuscon AZ 1985-1986
Residency: Anesthesiology, UC San Diego Medical Center, San Diego CA 1986-1989
Board Certifications: American Board of Anesthesiology, 1990
Professional Memberships: American Society of Anesthesiologists

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Robert Paul Kaye, M.D.

Robert Paul Kaye welcomes LGBT patients.

Clinical Interests
Dr. Kaye specializes in the anesthetic care of pediatric patients, ranging from premature and newborn babies up to adulthood.

Title
Health Sciences Assistant Clinical Professor, Department of Anesthesiology & Pain Medicine

Specialty
Pediatric Anesthesiology

Division
Pediatric Anesthesiology

Center/Program Affiliation
UC Davis Children's Hospital

Address/Phone
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone
Phone: 916-734-5031
Fax: 916-734-7980

Education
M.D. State University of New York at Buffalo, Buffalo NY 1985
B.S., Northeastern University, Boston MA 1980

Internships
Transitional, Santa Clara Valley Medical Center, San Jose CA 1985-1986

Residency
Anesthesiology, Stanford University Hospital, Stanford CA 1986-1989

Fellowships
Pediatric Anesthesia and Critical Care, Children's Hospital of Philadelphia, Philadelphia PA 1989-1990

Board Certifications
American Board of Anesthesiology, 1990
American Board of Anesthesiology - Pediatric Anesthesiology, 2014

Professional Memberships
American Society of Anesthesiologists
Society for Pediatric Anesthesia

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Norma J. Klein welcomes LGBT patients.

**Title**  
Professor

**Specialty**  
Anesthesiology, Pediatric Anesthesiology

**Department**  
Anesthesiology

**Division**  
General Anesthesiology

**Center/Program Affiliation**  
UC Davis Children's Hospital

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
*Phone:* 916-734-5028

**Additional Phone**  
Phone: 916-734-5031  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., University of Utah School of Medicine, Salt Lake City UT 1984  
B.S., University of Utah, Salt Lake City UT 1979

**Internships**  
UC Davis Medical Center, Sacramento CA 1979-1980

**Residency**  
Pediatric Anesthesiology, Children's Hospital of San Francisco, San Francisco CA 1984-1987  
Pediatric Anesthesiology, University of Michigan Hospitals, Ann Arbor MI 1988-1990

**Fellowships**  
Pediatric Anesthesiology, University of Washington, Seattle WA 1991-1992

**Board Certifications**  
American Board of Anesthesiology, 1992  
American Board of Pediatrics, 1988

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Paul Kreis, M.D.

Clinical Interests
Dr. Kreis has a special interest in spinal injections, including selective nerve root blocks, sympathetic blockade, radiofrequency ablation, facet injections and discography.

Title
Professor

Specialty
Anesthesiology, Pain Medicine

Department
Anesthesiology

Division
Pain Medicine

Center/Program Affiliation
UC Davis Medical Group
Spine Center

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
Phone: 916-734-7246

UC Davis Medical Group - Folsom, 1370 Prairie City Rd. Folsom, CA 95630
Phone: 916-985-9300

Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816
Phone: 916-734-7463

Additional Phone
Clinic Phone: 916-734-7246
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education
M.D., UC San Diego, La Jolla, California, 1982

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Robert Scott Kriss welcomes LGBT patients.

Title  Assistant Professor
Specialty  Pediatric Anesthesiology
Department  Anesthesiology
Division  Pediatric Anesthesiology
Center/Program Affiliation  UC Davis Children's Hospital
Address/Phone  Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028
Additional Phone  Phone: 916-734-5031
Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education  D.O., Arizona College of Osteopathic Medicine, Glendale AZ 2003
B.S., University of Southern California, Los Angeles CA 1997
Internships  Internal Medicine, Naval Medical Center, San Diego CA 2003-2004
Residency  Anesthesiology, University of Michigan, Ann Arbor MI 2007-2010
Fellowships  Pediatric Anesthesiology, Mott Children's Hospital, Ann Arbor MI 2010-2011
Board Certifications  American Board of Anesthesiology
American Board of Anesthesiology - Pediatric Anesthesiology
Select Recent Publications  Kriss RS and Tarnal V: Complex spine surgery: extubating a patient after prolonged prone surgery.,
Mashour GA and Farag E, (ed), Case Studies in Neuroanesthesia and Neurocritical Care.,

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Cathy Lammers, M.D.

Dr. Lammers is a fellow-trained pediatric anesthesiologist. She administers anesthesia to pediatric patients scheduled for general and cardiovascular surgical procedures. She serves as the Director of the one year Pediatric Anesthesia fellowship training program in the Department of Anesthesiology and Pain Medicine and is active in medical student and resident education. Her research interests include pediatric pain management and pediatric regional anesthesia.

Clinical Interests

- Professor
- Director of Pediatric Anesthesiology

Specialty

- Anesthesiology, Pediatric Anesthesiology

Department

- Anesthesiology

Division

- Pediatric Anesthesiology

Center/Program Affiliation

- UC Davis Children's Hospital

Address/Phone

- UC Davis Children's Hospital, 2315 Stockton Blvd. Sacramento, CA 95817
- Phone: 800-282-3284
- Additional Phone: Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education

- M.D., Baylor College of Medicine, Houston, Texas, 1992
- B.A., UC Davis, Davis, California, 1988

Internships

- University of California, San Francisco, San Francisco, California, 1993

Residency

- Stanford University, Stanford, California, 1997

Fellowships

- Stanford University & Lucile Salter Packard Children's Hospital, Stanford, California, 1997-98

Select Recent Publications

- Lammers CR, Hammer GB, Brodsky JB, Cannon WB. Failure to separate and isolate the lungs with an endotracheal tube positioned in the bronchus. Anesthesia and Analgesia 1997;85:946-947

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Deborah Hong Lee welcomes LGBT patients.

**Title**  
Assistant Professor

**Specialty**  
Anesthesiology

**Department**  
Anesthesiology

**Division**  
General Anesthesiology

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Phone: 916-734-5031  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., George Washington University School of Medicine and Health Sciences, Washington DC 2007  
B.S., UC Berkeley, Berkeley CA 1999

**Internships**  
Surgery, UC Davis Medical Center, Sacramento CA 2007-2008

**Residency**  
Anesthesiology, UC Davis Medical Center, Sacramento CA 2008-2011

**Board Certifications**  
American Board of Anesthesiology

**Professional Memberships**  
American Medical Association  
American Society of Anesthesiologists

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Sungeun Lee welcomes LGBT patients.

**Title**  
Associate Professor

**Specialty**  
Pediatric Anesthesiology

**Department**  
Anesthesiology

**Division**  
Pediatric Anesthesiology

**Center/Program Affiliation**  
UC Davis Children's Hospital

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., Temple University School of Medicine, Philadelphia PA 2005  
B.A., UC Berkeley, Berkeley CA 2000

**Internships**  
Internal Medicine, Loma Linda University Hospital, Loma Linda CA 2005-2006

**Residency**  
Anesthesiology, UC Davis Medical Center, Sacramento CA 2006-2009

**Fellowships**  
Pediatric Anesthesiology, UC Davis Medical Center, Sacramento CA 2009-2010

**Board Certifications**  
American Board of Anesthesiology  
American Board of Anesthesiology - Pediatric Anesthesiology

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Gary A. Levin, M.B.A., M.D.

Clinical Interests: Organizational dynamics, strategic and operational planning along with medical group culture and quality improvement (lean six) are particular interests I have, including years of medical management experience and consulting. Practice management is my focus for resident teaching. I also participate as an expert witness and external peer review as a consultant.

Title

Professor

Specialty

Anesthesiology, Anesthesiology - Obstetric

Department

Anesthesiology

Division

General Anesthesiology

Address/Phone

UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817

Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone

Phone: 916-734-5028

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Email

galevin@ucdavis.edu

Education

M.D., Michigan State University, East Lansing MI 1980

M.B.A., Pepperdine University, School of Business and Management, Culver City CA 1992

B.A., UC San Diego, La Jolla CA 1975

Internships

Emanuel Hospital and Medical Center, Portland OR 1980-1981

Residency

UC Irvine Medical Center, Orange CA 1981-1983

Fellowships

UC Davis Medical Center, Sacramento CA 2002

University of Washington, Harborview and Children's Hospitals, Seattle WA 2002

Board Certifications

American Board of Anesthesiology, 2005

Professional Memberships

California Society of Anesthesiologists

Honors and Awards

Dean's Team Award for Excellence, 2015

Performance Excellence Award, 2014

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Dr. Lin is researching the stimulation of ATP-sensitive potassium channels.

Clinical Interests

Title
Adjunct Assistant Professor

Department
Anesthesiology

Division
Anesthesiology/Physiology

Languages
Chinese (Mandarin), English

Education
Ph.D., University of Michigan Medical School, Ann Arbor, Michigan, 1995
B.S., National Taiwan University, Taipei, Taiwan, 1984
M.S., National Taiwan University, Taipei, Taiwan, 1986

Fellowships
Howard Hughes Medical Center, San Francisco, California, 2002
University of Michigan School of Medicine, Ann Arbor, Michigan, 1997

Select Recent Publications


Minor DL, Lin YF, Mobley BC, Avelar A, Jan YN, Jan LY, Berger JM. The polar T1 interface is linked to conformational changes that open the voltage-gated potassium channel. Cell, 102(5):657-70.

Lin YF, Angelotti TP, Dudek EM, Browning MD, Macdonald RL. Protein kinase C phosphorylation of the ??1 and ??2L subunits of the GABAA receptor enhances whole-cell currents expressed in

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James Eliot Littlejohn welcomes LGBT patients.

Dr. Littlejohn's research interests include: Acquired Coagulopathies and Hemorrhagic Shock.

**Title**
Assistant Clinical Professor

**Specialty**
Anesthesiology, Critical Care Medicine

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Center/Program Affiliation**
Trauma Program

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-5031

**Education**
M.D., Ph.D., Texas A&M University College of Medicine, Bryan TX 2010
B.A., UC Berkeley, Berkeley CA 2002

**Internships**
Anesthesia, New York Presbyterian Hospital, New York NY 2010-2011

**Residency**
Anesthesiology, New York Presbyterian Hospital - Weill Cornell Medical Center, New York NY 2011-2014

**Fellowships**
Critical Care Medicine, University of Pennsylvania Medical Center, Philadelphia PA 2014-2015

**Board Certifications**
American Board of Anesthesiology, 2015
American Board of Anesthesiology - Critical Care Medicine, 2015

**Professional Memberships**
American Medical Association
American Society of Anesthesiologists and California Society of Anesthesiologists
California Medical Association
Society of Critical Care Anesthesiology
Society of Critical Care Medicine

**Honors and Awards**
Joseph F. Atrusio Outstanding Resident Award, 2014
American-Austria Foundation Fellow, 2013
Weill-Cornell Department of Anesthesiology- Chief Resident, 2013


Rigden, D.J., Littlejohn, J.E., Joshi, H.V., de Groot, B.L., Jedrzejas, M.J. Alternate Structural Conformations of Streptococcus pneumoniae Hyaluronan Lyase: Insights into the Enzyme Flexiblity and Underlying Molecular Mechanism of Action. J of Molecular Biology, 2006;358 (4):


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### Clinical Interests
I provide general and cardiac anesthesia. I have been engaged in basic and clinical research for more than 20 years. My primary research areas include myocardial ischemia/reperfusion injury, pre- and post-conditioning in myocardial protection and high-risk surgery outcomes.

### Title
Professor
Director of Clinical Anesthesia Research

### Specialty
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

### Department
Anesthesiology

### Division
Cardiovascular and Thoracic Anesthesia

### Address/Phone
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
**Phone:** 916-734-5028

#### Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

#### Languages
Chinese (Mandarin)

### Education
M.D., Nanjing Medical College, Jiangso, China 1987

### Internships
Surgery, St. Vincent Hospital and Medical Center, New York NY 1996-1997

### Residency
Anesthesiology and Pain Medicine, UC Davis Medical Center, Sacramento CA 1997-2000

### Fellowships
Cardia Anesthesiology, UC Davis Medical Center, Sacramento CA 2000-2001

### Board Certifications
- American Board of Anesthesiology, 2011
- Medical Board of California, 2008
- National Board of Echocardiography, Perioperative Transesophageal Echocardiography, 2014

### Professional Memberships
- American Medical Association
- American Society of Anesthesiologists
- American Society of Echocardiography
- Association of University Anesthesiologists
- California Society of Anesthesiologists
- International Chinese Academy of Anesthesiology
Hong Liu, M.D.

Honors and Awards

- Guest Professor, Sun-yet Sen University, China, 2015
- Guest Professor of Nanjing Medical University, China, 2010
- Guest Professor of Soochow University, China, 2009
- California Society of Anesthesiologists (CSA) Resident Research Award: Third Place, 1998
- National Institutes of Health (NIH) Postdoctoral Research Fellowship, 1995

Select Recent Publications


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Tehani Anne Liyanage, M.B.B.S.

As well as providing general anesthesia, Dr. Liyanage also administers anesthesia to obstetric, neuro, geriatric and vascular patients. Dr. Liyanage's future research interests are in neuro anesthesiology.

Title: Assistant Clinical Professor
Specialty: Anesthesiology
Department: Anesthesiology
Division: General Anesthesiology

Center/Program Affiliation: Cardiovascular Services
Address/Phone: UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone: Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages: Sinhalese

Education: M.B.B.S., University of Kelaniya, Ragama, 1998

Internships: National Hospital, Colombo, 1999-2000
UC Davis Medical Center, Sacramento, California, 2004-2005

Residency: National Hospital, Colombo, 2001-2002
UC Davis Medical Center, Sacramento, California, 2005-2008

Board Certifications: American Board of Anesthesiology, 2009

Professional Memberships: American Society of Anesthesiologists
California Society of Anesthesiologists
Kaplan Honorary Society

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Sarah Maclean welcomes LGBT patients.

**Philosophy of Care**  
As a fellowship trained pediatric anesthesiologist, I, along with my UC Davis Children's Hospital colleagues, work closely to ensure patients and their families receive outstanding care.

**Research/Academic Interests**  
Dr. Maclean's research interest is focused on quality improvement projects.

**Title**  
Assistant Clinical Professor

**Specialty**  
Pediatric Anesthesiology

**Department**  
Anesthesiology

**Division**  
Pediatric Anesthesiology

**Center/Program Affiliation**  
UC Davis Children's Hospital

**Address/Phone**  
UC Davis Children's Hospital, 2315 Stockton Blvd. Sacramento, CA 95817  
**Phone:** 800-282-3284

**Additional Phone**  
Clinic Phone: 916-734-6508  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Internships**  
Orthopedic Surgery, University Hospital Crosshouse, Kilmarnock UK 1998-1999

**Residency**  
Anesthesia, Royal Alexandra Hospital Inverclyde Hospital Western Infirmary Northern University of Anesthesia, Paisley UK 1999-2008

**Fellowships**  
Pediatric Anesthesia, Newcastle University, Newcastle UK 2008-2009

**Board Certifications**  
Royal College of Anaesthetists, UK, 2009

**Professional Memberships**  
Society for Pediatric Anesthesia

**Select Recent Publications**  

Nafiu OO, Maclean S, Blum J, Kheterpal S, Cowan A, Tremper KK. High BMI in children as a risk

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Stephen M. Macres, M.D., Pharm.D.

**Clinical Interests**
Dr. Macres has clinical interests in regional anesthesia and acute perioperative pain management. He is director of the Acute Perioperative Pain Service, and is also director of the Annual Anesthesiology Review Course and the Ultrasound Guided Peripheral Nerve Block Workshop.

<table>
<thead>
<tr>
<th>Title</th>
<th>Clinical Professor</th>
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<tbody>
<tr>
<td>Director</td>
<td>Director, Acute Perioperative Pain Service</td>
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<tr>
<td>Specialty</td>
<td>Anesthesiology, Anesthesiology - Regional</td>
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</tr>
<tr>
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<td>General Anesthesiology</td>
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</tbody>
</table>

**Address/Phone**
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817

Phone: 800-2-UCDAVIS (800-282-3284)

**Additional Phone**
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**
- M.D., University of Cincinnati College of Medicine, Cincinnati, Ohio, 1990
- Pharm.D., UC San Francisco, San Francisco, California, 1979
- B.S., UC Davis, Davis, California, 1972
- M.S., UC Davis, Davis, California, 1974

**Internships**
Santa Clara Valley Medical Center, San Jose, California, 1990-1991

**Residency**
- University of California, Davis Medical Center, Sacramento, California, 1991-1994
- University of California, San Francisco, San Francisco, California, 1979-1980

**Fellowships**
University of California, Davis Medical Center, Sacramento, California, 1994-1995

**Board Certifications**
American Board of Anesthesiology, 1995

**Professional Memberships**
- American Society of Anesthesiologists
- American Society of Regional Anesthesia and Pain Medicine (ASRA)
- California Society of Anesthesiologists

**Select Recent Publications**
1996 Fleming NW, Macres S, Antognini JF, Vengco J. Neuromuscular blocking action of
suxamethonium after antagonism of vecuronium by edrophonium, pyridostigmine or neostigmine. 

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Gagan Mahajan, M.D.

Clinical Interests
Dr. Mahajan has both clinical and research interests in pain medicine.

Title
Professor

Specialty
Anesthesiology, Pain Medicine

Department
Anesthesiology

Division
Pain Medicine

Center/Program Affiliation
Spine Center

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
Phone: 916-734-7246

Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816
Phone: 916-734-7463

Additional Phone
Clinic Phone: 916-734-7246
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education
M.D., Pennsylvania State University College of Medicine, Hershey, Pennsylvania, 1996
B.S., UCLA, Los Angeles, California, 1992

Internships
Loma Linda University Medical Center, Loma Linda, California, 1996-1997

Residency
Baylor College of Medicine, Houston, Texas, 1997-2000

Fellowships
UC Davis Medical Center, Sacramento, California, 2000-2001

Board Certifications
American Board of Anesthesiology, Pain Medicine, 2001
American Board of Physical Medicine and Rehabilitation, Pain Medicine, 2001

Professional Memberships
American Academy of Physical Medicine and Rehabilitation
Physicians' Association of Spine, Sports and Occupational Medicine

Honors and Awards
Rhone-Poulenc Rorer Physiatry Residents Scholarship Program, 1999
Third prize, Lewis Leavitt MD Memorial Lectureship, Baylor College of Medicine, 1999
Graduated with honors, UCLA, 1992
Stephen A. Mannis welcomes LGBT patients.

**Philosophy of Care**
I strive to deliver the highest quality of patient care, being sensitive to the cultural needs of my patients and to treat each of my patients with compassion.

**Clinical Interests**
Dr. Mannis' areas of interest include general anesthesia, trauma care, obstetrical anesthesia and ambulatory anesthesia.

**Title**
Assistant Professor

**Specialty**
Anesthesiology

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

**Education**
M.D., UC San Diego School of Medicine, San Diego CA 1977
M.B.A., Business, University of South Florida, Tampa FL 1999
B.S., Stanford University, Palo Alto CA 1973

**Internships**
Internal Medicine, University of Texas, San Antonio TX 1977-1979

**Residency**
Anesthesiology, UC Davis Medical Center, Sacramento CA 1985-1986

**Fellowships**
Anesthesiology, UC Los Angeles Medical Center, Los Angeles CA 1986

**Board Certifications**
American Board of Anesthesiology, 2014
American Board of Internal Medicine, 1980

**Professional Memberships**
American Society of Anesthesiology
California Society of Anesthesiologists
International Anesthesia Research Society
Society for Ambulatory Anesthesia

**Select Recent Publications**
Eugene Andre Mansour, MBBS

Title
Assistant Visiting Professor of Anesthesiology
Fellow of the Australian and New Zealand College of Anaesthetists

Specialty
Anesthesiology

Department
Anesthesiology

Division
General Anesthesiology

Center/Program Affiliation
UC Davis Children's Hospital

Address/Phone
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone
Phone: 916-734-2011

Education
MBBS, University of Tasmania, Hobart TAS Australia 2006
BMedSci, University of Sydney, Sydney NSW Australia 2002

Internships
Royal Hobart Hospital, Hobart TAS Australia 2007

Residency
anaesthetics, John Hunter Hospital, Newcastle NSW Australia 2008-2013

Fellowships
Anesthesiology-Regional, John Hunter Hospital, Newcastle NSW Australia 2013-2014

Board Certifications
Australian and New Zealand College of Anaesthetists, 2014

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Dr. Moore's clinical and research interests involve cardiovascular and thoracic anesthesia as well as lung transplant anesthesia, subjects on which he has published widely in books and journals.

Dr. Moore has also conducted research investigating hypertonic saline, airway thermal volume in humans and its relation to body size, and the effects of calcitonin-gene related peptide (CGRP) and adenosine on regional coronary conductance in dogs with ventricular pacing.

**Title**

Professor

**Specialty**

Anesthesiology, Pain Medicine

**Department**

Anesthesiology

**Division**

General Anesthesiology

**Center/Program Affiliation**

Cardiovascular Services

**Address/Phone**

Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**

M.D., University of Sydney, Sydney, New South Wales, 1972

Ph.D., University of Newcastle, Callaghan, New South Wales, 1991

B.S., University of Sydney, Sydney, New South Wales, 1972

**Residency**

Royal Brisbane Hospital, Brisbane, Australia, 1972

Royal Newcastle Hospital, Newcastle, Australia, 1973

**Fellowships**

Australian and New Zealand College of Anaesthetists, Melbourne, Australia, 1992

Royal Australasian College of Surgeons, Melbourne, Australia, 1977

**Professional Memberships**

American Association for the Advancement of Science

American Medical Association

American Society of Anesthesiologists

American Society of Echocardiography

Association of Anesthesia Clinical Directors

Association of Anesthesiology Program Directors & Society of Academic Anesthesiology Chairs

Association of University Anesthesiologists
Select Recent Publications


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Lara Moser directs the post-anesthesia care unit. She has clinical and research interests in general anesthesiology, perioperative medicine and post-anesthesia recovery care. Moser also holds a nursing degree.

Title  
Associate Professor

Specialty  
Anesthesiology

Department  
Anesthesiology

Division  
General Anesthesiology

Address/Phone  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
Phone: 916-734-5028

Additional Phone  
Phone: 916-734-5031  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education  
M.D., UC Davis School of Medicine, Sacramento CA 1996  
B.S., California State University-Sacramento, Sacramento CA 1984

Internships  
Surgery, UC Davis Medical Center, Sacramento CA 1996-1997

Residency  
Anesthesiology, UC Davis Medical Center, Sacramento CA 1997-2000

Board Certifications  
American Board of Anesthesiology, 2012

Professional Memberships  
American Medical Association  
American Society of Anesthesiologists  
California Society of Anesthesiologists

Honors and Awards  
Hamilton S. Davis Award for Anesthesia ? awarded to outstanding medical student who completes a four-week Anesthesia rotation., 1996

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Alison A. Nielsen welcomes LGBT patients.

**Title**  
Assistant Professor

**Specialty**  
Anesthesiology

**Department**  
Anesthesiology

**Division**  
General Anesthesiology

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., UC Davis School of Medicine, Sacramento CA 2010  
M.S., Anesthesiology, Case Western Reserve University School of Medicine, Sacramento CA 2000  
M.S., Physiology, UC Davis, Davis CA 1998  
B.A., UC Berkeley, Berkeley CA 1996

**Internships**  
Internal Medicine, UC Davis Medical Center, Sacramento CA 2010-2011

**Residency**  
Anesthesiology, UC Davis Medical Center, Sacramento CA 2011-2014

**Board Certifications**  
American Board of Anesthesiology

**Professional Memberships**  
American Society of Anesthesiologists  
California Society of Anesthesiologists

**Honors and Awards**  
Outstanding Senior Resident Award, 2013  
Employee Excellence Award in Leadership, 2013

**Select Recent Publications**  

R O'Brien, A Nielsen, J Piersen, STAT Pre-Transfusion Testing Can Create Crises for Blood Banks and Elective Surgery Surgery Patients. Transfusion. 2006 Sep.; Vol. 46, No. 9S, 225A.
I believe that each patient is unique and deserves the highest quality of compassionate care available.

Dr. Pitts provides anesthesia to all types of adult patients and specializes in regional anesthesia. He is actively involved in resident education and pursues innovative and effective approaches in teaching the next generation of anesthesiologists.

Assistant Clinical Professor

Anesthesiology

General Anesthesiology

UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817

Phone: 800-2-UCDAVIS (800-282-3284)

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

M.D., Loma Linda University School of Medicine, Loma Linda, California, 2001
M.S., Loma Linda University, Riverside, California, 2004
M.S., Loma Linda University, Riverside, California, 2006
B.S., UC Irvine, Irvine, California, 1992

Loma Linda University Medical Center, Loma Linda, California, 2001-2002

UC Davis Medical Center, Sacramento, California, 2002-2005

American Board of Anesthesiology, 2006

American Society of Anesthesiologists
California Society of Anesthesiologists
Society for Education in Anesthesia

Graduate of the Teaching Scholars Program, UC Davis School of Medicine, 2009
Teacher of the Year Award, Department of Anesthesiology and Pain Medicine, 2008
Teacher of the Year Award, Department of Anesthesiology and Pain Medicine, 2007
Dr. Ravula is an active clinician specializing in pediatric anesthesiology and pediatric cardiac anesthesiology. He actively collaborates with his colleagues in providing simulation training for medical students, pediatric interns, anesthesiology residents and fellows. Dr. Ravula is also the Director of MEPA (Medical Emergencies in Pediatric Anesthesia) for the Department of Anesthesiology and Pain Medicine.

**Clinical Interests**

Dr. Ravula's clinical interests include pediatric anesthesiology and cardiac anesthesiology.

**Title**

Associate Professor

**Specialty**

Pediatric Anesthesiology

**Department**

Anesthesiology

**Division**

Pediatric Anesthesiology

**Center/Program Affiliation**

UC Davis Children's Hospital

**Languages**

Telugu

**Education**

- Surgery Medicine, Mahatma Gandhi Memorial Hospital, Hyderabad, India 1997
- Anesthesiology, Epsom General Hospital, Epsom UK 2001
- Anesthesiology, Mahatma Gandhi Memorial Hospital, Hyderabad, India 2000
- M.B.B.S., Kakatiya Medical College, Warangal India 1996

**Internships**

Anesthesiology, Medway Maritime Hospital, Lewisham UK 2001-2003

**Residency**

Anesthesiology, Medway Maritime Hospital, Gillingham, Kent UK 2003-2004

**Fellowships**

- Anesthesiology, Guys & St. Thomas Hospital, London UK 2004-2005
- Anesthesiology, Queen Victoria Hospital, London UK 2005-2006

**Board Certifications**

Royal College of Anaesthetists, UK

**Professional Memberships**

California Society of Anesthesiologists
- Society for Pediatric Anesthesiology

**Select Recent Publications**


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Ben A. Rich, J.D., M.A., Ph.D.

**Clinical Interests**
Dr. Rich is an attorney with a doctoral degree in philosophy. He has substantial experience in both private practice and as a legal counsel for several leading academic medical centers. His special interests include the legal and ethical aspects of the physician-patient relationship, end-of-life care and pain management. He received the Mayday Scholar's Award and the University of Colorado President's Fund for the Humanities Award. Dr. Rich is working to further develop the UC Davis Bioethics Program and its training of medical staff, students and other professionals.

<table>
<thead>
<tr>
<th>Title</th>
<th>Professor and Alumni Association Endowed Chair</th>
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<tbody>
<tr>
<td>Specialty</td>
<td>Bioethics, Internal Medicine</td>
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| Department | **Anesthesiology**  
**Internal Medicine** |
| Division | General Medicine  
Pain Medicine |
| Center/Program Affiliation | Bioethics Program |
| Education | Ph.D., University of Colorado, Boulder, Boulder, Colorado, 1995  
J.D., Washington University School of Law, St. Louis, Missouri, 1973  
B.A., DePauw University, Greencastle, Indiana, 1969 |
Rich, B. A. Prospective autonomy and critical interest: a narrative defense of the moral authority of

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Richard Rivera welcomes LGBT patients.

**Clinical Interests**

Dr. Rivera has clinical interests in geriatric anesthesia and difficult airway management.

**Title**
Clinical Professor

**Specialty**
Anesthesiology

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-5031

**Physician Referrals:** 800-4-UCDAVIS (800-482-3284)

**Education**

M.D., UCLA School of Medicine, Los Angeles CA 1978

B.S., UC Riverside, Riverside CA 1974

**Internships**
Internal Medicine, UCLA-VA Hospital, Sepulveda CA 1978-1979

**Residency**
Anesthesiology, UCLA-Los Angeles Medical Center, Los Angeles CA 1979-1981

**Board Certifications**
American Board of Anesthesiology, 1984

**Professional Memberships**
American Society of Anesthesiologists
California Society of Anesthesiologists
Society for Education in Anesthesia

**Select Recent Publications**
Rivera R, Antognini J. Geriatric Anesthesia Pharmacokinetics and Pharmacodynamics. Anesthesiology. 2008 May; 1176-81.

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Charandip Sandhu welcomes LGBT patients.

<table>
<thead>
<tr>
<th>Clinical Interests</th>
<th>Dr. Sandhu has clinical interests in acute pain.</th>
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<tbody>
<tr>
<td><strong>Title</strong></td>
<td>Assistant Professor</td>
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<td>Director, Anesthesiology Resident Program</td>
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<td><strong>Specialty</strong></td>
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<td><strong>Division</strong></td>
<td>General Anesthesiology</td>
</tr>
<tr>
<td><strong>Address/Phone</strong></td>
<td>UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817</td>
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<td></td>
<td><strong>Phone:</strong> 800-2-UCDAVIS (800-282-3284)</td>
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<tr>
<td><strong>Additional Phone</strong></td>
<td>Physician Referrals: 800-4-UCDAVIS (800-482-3284)</td>
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<td><strong>Languages</strong></td>
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<tr>
<td><strong>Education</strong></td>
<td>M.D., Creighton University School of Medicine, Omaha NE 2005</td>
</tr>
<tr>
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<td>B.A., Creighton University, Omaha NE 2001</td>
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<tr>
<td><strong>Internships</strong></td>
<td>Internal Medicine, UC Davis Medical Center, Sacramento CA 2005-2006</td>
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<td><strong>Residency</strong></td>
<td>Anesthesiology, UC Davis Medical Center, Sacramento CA 2006-2009</td>
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<td><strong>Board Certifications</strong></td>
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<td>American Society of Anesthesiologists</td>
</tr>
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<td></td>
<td>California Society of Anesthesiologists</td>
</tr>
</tbody>
</table>

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Nina Schloemerkemper welcomes LGBT patients.

Most patients feel anxious when they are about to have surgery. Dr. Schloemerkemper tries to alleviate this by strengthening the patient-doctor-relationship and taking patients' concerns seriously. She believes that kindness and honesty are vital. Every patient deserves a customized approach to their anesthetic. There is no one-size-fits-all.

Philosophy of Care

Nina Schloemerkemper joined UC Davis Medical Center in September 2010. She is the Director of the Neuroanesthesia Rotation, which means that she is particularly interested in caring for patients undergoing surgery of the brain or spine. In this role she also oversees the training of the residents in this subspecialty.

Apart from Neuroanesthesia she has a particular interest in the management of the difficult airway, peri-operative allergic reactions and anaphylaxis as well as resident education.

Clinical Interests

Originally from Germany, Nina Schloemerkemper earned her medical degree in 2001 at the University of Lübeck, Germany. She then went on to complete doctoral studies at the same university before starting her anesthesia training at the University of Kiel, Germany.

She completed her training while rotating through several hospitals within London, UK including St. George’s Hospital. She became a Fellow of the Royal College of Anaesthetists (FRCA) in 2006 and board certified in Germany in 2008.

Research/Academic Interests

Title
Assistant Clinical Professor

Specialty
Anesthesiology

Department
Anesthesiology

Division
General Anesthesiology

Address/Phone
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

Additional Phone
Fax: 916-734-7980
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Languages
German

Education
M.D., Medical University of Lübeck, Lübeck Germany 2001
Nina Schloemerkemper, M.D., FRCA

FRCA, The Royal College of Anaesthetists - Great Britain 2008
B.S., Medical University of L?beck, L?beck Germany 1996

Internships
Surgery/Internal Medicine, Northampton General Hospital, Asklepios Klinik, Northampton and Bad Oldesloe, UK and Germany 2001-2003

Residency
Anesthesia and Intensive Care, Kiel University, Maidstone General Hospital, Kiel, Maidstone, London, Germany and UK 2003-2007

Fellowships
Neuroanesthesiology, St. George's University Hospital, London UK 2007-2008

Board Certifications
CA Medical Board, License, 2013
Emergency Neurological Life Support (ENLS), 2014
German Board of Anesthesiology, 2008
Royal College of Anaesthetists, UK, 2005

Professional Memberships
American Society of Anesthesiologists
California Society of Anesthesiologists
Royal College of Anaesthetists, UK
Society for Neuroscience in Anesthesiology and Critical Care

Select Recent Publications


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Samir Jayraj Sheth welcomes LGBT patients.

Clinical Interests
Dr. Sheth completed his residency in Anesthesiology at Columbia University in New York City and his fellowship in Pain Medicine at the University of California, Davis in Sacramento, CA. He is board certified in both Anesthesiology and Pain Medicine.
As co-director of neuromodulation, much of his interest in pain medicine involves the mechanism of spinal cord stimulation and the treatment of persistent, neuropathic pain with spinal cord stimulation.
He also has an interest in furthering the field of evidenced-based pain medicine. Dr. Sheth's goal is to provide a safe, comprehensive approach to minimize pain.
He has published chapters in pain medicine textbooks and is actively involved in research projects involving low back and neck pain.

Research/Academic Interests
Dr. Sheth's research interests include: Spinal Cord Stimulation, Neuropathic Pain, Radiofrequency Ablation, and Ultrasound Guided Techniques.

Title
Assistant Professor, Department of Anesthesiology and Pain Medicine
Director of Neuromodulation
Director of Medical Student and Resident Education

Specialty
Pain Medicine, Anesthesiology

Department
Anesthesiology

Division
Pain Medicine

Center/Program Affiliation
Spine Center

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 2700 Sacramento, CA 95817
Phone: 916-734-7246

Additional Phone
Phone: 800-4-UCDAVIS (800-482-3284)

Languages
Gujarati

Education
M.D., University of Toledo College of Medicine, Toledo OH 2005
B.A., Washington University, St. Louis MO 2001
Samir Jayraj Sheth, M.D.

Internships

Residency
Anesthesiology, Columbia University - New York Presbyterian Hospital, New York NY 2006-2009

Fellowships
Pain Medicine, UC Davis Medical Center, Sacramento CA 2009-2010

Board Certifications
American Board of Anesthesiology
American Board of Anesthesiology, Pain Medicine

Professional Memberships
American Medical Association
American Psychiatric Association
American Society of Anesthesiologists
International Anesthesiologists Research Society
International Neuromodulation Society
International Spine Interventional Society
New York State Society of Anesthesiologists
North American Neuromodulation Society

Select Recent Publications

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Amrik Singh welcomes LGBT patients.

**Philosophy of Care**
Dr. Singh's philosophy of care incorporates evidence-based practice blended with common sense and compassion.

**Clinical Interests**
Dr. Singh's area of interests include cardiovascular and thoracic anesthesiology and transesophageal echocardiography.

**Title**
Professor

**Director, Anesthesiology Residency Program**

**Associate Chief, Division of Perioperative Medicine**

**Specialty**
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

**Department**
Anesthesiology

**Division**
Cardiovascular and Thoracic Anesthesia

**Center/Program Affiliation**
Cardiovascular Services

**Address/Phone**
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817

**Phone:** 800-2-UCDAVIS (800-282-3284)

**Additional Phone**
Phone: 916-734-5028

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Languages**
Hindi, Punjabi

**Education**
M.D., Government Medical College Patiala, Patiala, Punjab, 1991
B.S., Government Medical College Patiala, Patiala, Punjab, 1991

**Internships**
Government Medical College Patiala, Patiala, Punjab, 1992

UC Davis Medical Center, Sacramento CA 1998

**Residency**
UC Davis Medical Center, Sacramento CA 2001

**Fellowships**
UC Davis Medical Center, Sacramento CA 2002

**Board Certifications**
American Board of Anesthesiology, 2002
National Board of Echocardiography, 2003

**Professional Memberships**
American Medical Association
American Society of Anesthesiologists
Amrik Singh, M.D.

California Society of Anesthesiologists
Society of Cardiovascular Anesthesiologists

Honors and Awards
Outstanding Senior Resident Award, 2001

Select Recent Publications


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Naileshni Singh, M.D.

**Philosophy of Care**
Dr. Singh is interested in interventional pain medicine, neuromodulation, alternative medicine, and pain education.

**Clinical Interests**
Dr. Singh's clinical duties involve assessing and treating patients of all ages who have acute, chronic, or cancer pain including performing interventional pain procedures and neuromodulation techniques.

**Title**
Assistant Professor, Pain Medicine Fellowship Director

**Specialty**
Anesthesiology, Pain Medicine

**Department**
Anesthesiology

**Division**
Pain Medicine

**Center/Program Affiliation**
Spine Center

**Address/Phone**
Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 3200 Sacramento, CA 95817

**Additional Phone**
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**
M.D., Stanford University School of Medicine, Stanford CA 2006
B.S., UC Davis, Davis CA 2003

**Internships**
Transitional Internship, Santa Clara Valley Medical Center, San Jose CA 2006-2007

**Residency**
Anesthesiology and Pain Medicine, UC Davis Medical Center, Sacramento CA 2007-2010

**Fellowships**
Anesthesiology and Pain Medicine, UC Davis Medical Center, Sacramento CA 2010-2011

**Board Certifications**
American Board of Anesthesiology
American Board of Anesthesiology, Pain Medicine

**Professional Memberships**
American Academy of Pain Medicine
American Medical Association
American Society of Anesthesiologists

**Honors and Awards**
Chief Resident, UC Davis Department of Anesthesiology and Pain Medicine, 2009
Gary Collins, MD Memorial Fellow Teacher of the Year Award, 2011

**Select Recent Publications**


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Timothy John Tautz welcomes LGBT patients.

**Clinical Interests**
Timothy J. Tautz's clinical interests include: General/Regional anesthesia. He is the leader of the Orthopedic Anesthesia Team and is a member of Acute Pain Services, OB Anesthesia and Ambulatory Anesthesia.

**Research/Academic Interests**
Dr. Tautz's research interests include Malignant Hyperthermia, Regional anesthesia and acute pain medicine.

**Title**
Clinical Professor

**Director, Malignant Hyperthermia Biopsy Testing Center**

**Specialty**
Anesthesiology, Anesthesiology - Regional

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817

**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-2431

**Physician Referrals:** 800-4-UCDAVIS (800-482-3284)

**Education**
M.D., Loma Linda University School of Medicine, Loma Linda CA 1990-1994
B.S., Pacific Union College, Angwin CA 1985-1989

**Internships**
St. Mary's Hospital, San Francisco CA 1995

**Residency**
University of California, Davis, Medical Center, Sacramento CA 1995

**Board Certifications**
American Board of Anesthesiology, 1999

**Professional Memberships**
American Society of Anesthesiologists
California Society of Anesthesiologists

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Cinthia Tirado, M.D.

Cinthia Tirado welcomes LGBT patients.

**Title**  
Assistant Professor

**Specialty**  
Anesthesiology

**Department**  
Anesthesiology

**Division**  
General Anesthesiology

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., University of Puerto Rico School of Medicine, Mayaguez, Puerto Rico 2002  
Anesthesiology, University of Puerto Rico, San Juan, Puerto Rico 2002-2004  
B.A., University of Puerto Rico, Mayaguez, Puerto Rico 1998

**Residency**  
Anesthesiology, Beth Israel Deaconess Medical Center, Boston MA 2004-2006

**Board Certifications**  
American Board of Anesthesiology

**Professional Memberships**  
American Society of Anesthesiologists  
California Society of Anesthesiologists

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Jeannette Patricia Tom-Lerman, M.D.

Clinical Interests
Dr. Tom-Lerman has clinical interests in general anesthesia and difficult airway management. She strives to provide compassionate care to all of her patients.

Title
Assistant Professor

Specialty
Anesthesiology

Department
Anesthesiology

Division
General Anesthesia

Address/Phone
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
Phone: 916-734-5028

Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education
M.D., UCLA School of Medicine, Los Angeles, California, 1991
B.S., UC Riverside, Riverside, California, 1988

Internships
Maricopa Medical Center, University of Arizona, Phoenix, Arizona, 1991-92

Residency
Maricopa Medical Center, University of Arizona, Phoenix, Arizona, 1992-93
Maricopa Medical Center, University of Arizona, Phoenix, Arizona, 1993-96

Board Certifications
American Board of Anesthesiology, 1998
National Board of Medical Examiners, 1992

Professional Memberships
American Society of Anesthesiologists
California Society of Anesthesiologists

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Jeffrey Uppington welcomes LGBT patients.

Clinical Interests
Dr. Uppington's clinical support involves working in the operating room two-to-three days/week providing cardiothoracic anesthesia, transesophageal echocardiograms (TEE) and general anesthesia. His research includes new anesthetic agents and servo control of anesthetic infusions.

Title
Chief of Staff
Clinical Professor

Specialty
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

Department
Anesthesiology

Division
General Anesthesiology

Center/Program Affiliation
Cardiovascular Services

Address/Phone
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education

Internships
The London Hospital Medical School, London, 1971

Residency
United Bath Hospitals, Bath, 1972-73
United Bath Hospitals, Bath, 1983-86

Board Certifications
American Board of Anesthesiology, 1988
National Board of Echocardiography, 2002

Professional Memberships
American Society of Anesthesiologists
Association of Anesthetics of Great Britain and Ireland
Society for Education in Anesthesia
Society of Anesthetists of the South Western Region, Great Britain
Society of Cardiovascular Anesthesiologists
Society of Obstetric Anesthetists, Great Britain


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Nicole A. Weiss welcomes LGBT patients.

**Title**  
Assistant Professor, Department of Anesthesiology

**Specialty**  
Cardiothoracic Anesthesiology

**Department**  
Anesthesiology

**Division**  
Cardiovascular and Thoracic Anesthesia

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028  
**Additional Phone:** 916-734-5031  
**Fax:** 916-734-7980  
**Physician Referrals:** 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., St. Louis University School of Medicine, St. Louis MO 2009  
B.A., UC Berkeley, Berkeley CA 2004

**Internships**  
Internal Medicine, Tulane University Medical Center, New Orleans LA 2009-2010

**Residency**  
Anesthesiology, Tulane University Medical Center, New Orleans LA 2010-2013

**Fellowships**  
Cardiothoracic Anesthesiology, Duke University Medical Center, Durham NC 2013-2014

**Board Certifications**  
American Board of Anesthesiology  
National Board of Echocardiography

**Professional Memberships**  
American Medical Association  
American Society of Anesthesiologists  
California Society of Anesthesiologists  
Society of Cardiovascular Anesthesiologists

**Honors and Awards**  
ASA Resident Component Distinguished Service Award 2011, 2012, 2013

**Select Recent Publications**  
Weiss, N. Resolve to be Involved, ASA Newsletter 77:1, January 2013.
David A. White's clinical interests include fiber optic intubation and airway management. He reviewed the anesthesia and analgesia manuscript for critical and trauma care at UC Davis Medical Center, and also served as a consultant and reviewer for the FDA study of the drug mivacurium. White's research interests focus on regulation of skeletal muscle acetylcholine receptors and their effect on neuromuscular blockers, effects of cholinesterase inhibitors on neuromuscular blocking action of suxamethonium, and the relationship of systolic pressure and stroke volume to myocardial contractility.

**Title**  
Emeritus Associate Professor

**Specialty**  
Anesthesiology

**Address/Phone**  
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817  
**Phone:** 916-734-5028

**Additional Phone**  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education**  
M.D., UC Irvine College of Medicine, Irvine, California, 1979  
B.S., UC Irvine, Irvine, California, 1973

**Internships**  
University of California, Davis Medical Center, Sacramento, California, 1979-80

**Residency**  
University of California, Davis Medical Center, Sacramento, California, 1980-83

**Board Certifications**  
American Board of Anesthesiology, 1985

**Professional Memberships**  
American Society of Anesthesiologists  
Association of University Anesthesiologists  
California Society of Anesthesiologists  
International Anesthesiologists Research Society

**Select Recent Publications**  


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David Lewis Wolf, M.D.

Title Sr. Physician
Specialty Anesthesiology
Department Anesthesiology
Division General Anesthesiology
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Phone: 916-734-5028
Additional Phone Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education M.D., UC Davis School of Medicine, Sacramento CA 1987
B.S., CSU-Sacramento, Sacramento CA 1983
Internships Surgery, UC Davis Medical Center, Sacramento CA 1987-1988
Residency Anesthesiology, UC Davis Medical Center, Sacramento CA 1987-1991
Board Certifications American Board of Anesthesiology, 1993

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Aubrey Yao welcomes LGBT patients.

### Clinical Interests
Dr. Yao's clinical research interests include transesophageal echocardiography, resident education, and anesthesia simulation. His research interests include non-invasive techniques for measuring cardiac output monitoring and non-invasive hemoglobin measurement.

#### Title
Associate Clinical Professor

#### Specialty
Anesthesiology, Anesthesiology - Cardiovascular and Thoracic

#### Department
Anesthesiology

#### Division
Cardiovascular and Thoracic Anesthesia

#### Center/Program Affiliation
Cardiovascular Services

#### Address/Phone
UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817  
**Phone:** 800-2-UCDAVIS (800-282-3284)

#### Additional Phone
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

#### Education
M.D., University of Missouri, Kansas City, School of Medicine, Kansas City MO 2001  
B.A., Northwestern University, Evanston IL 1995

#### Residency
Urology, UC Davis Medical Center, Sacramento CA 2001-2004  
Anesthesiology, UC Davis Medical Center, Sacramento CA 2005-2008

#### Fellowships
Adult Cardiothoracic Anesthesiology, UC Davis Medical Center, Sacramento CA 2008-2009

#### Board Certifications
American Board of Anesthesiology, 2009  
National Board of Echocardiography - Advanced Perioperative Transesophageal Echocardiography, 2009

#### Professional Memberships
American Society of Anesthesiologists  
International Anesthesia Research Society  
Society of Cardiovascular Anesthesiologists

#### Honors and Awards
Dean's Team Award for Excellence - Code Blue Team Training, 2013  
Outstanding Resident Teaching Award, UC Davis Department of Anesthesiology and Pain Medicine, 2011
Clinical Fellow Professionalism Award, UC Davis, Department of Anesthesiology and Pain Medicine, Sacramento, CA, 2009
Sara C. Armstrong Award for Compassionate Care, UC Davis Health System, Sacramento, CA, 2009
Anesthesiology Resident of the Year, UC Davis, Department of Anesthesiology and Pain Medicine, Sacramento, CA, 2007
Abbott Laboratories Resident Research Award Finalist, CSA Annual Meeting, San Diego, CA, 2007
Honors earned in Urology, Transplant Surgery, Surgery, General Surgery, Psychiatry, Family Medicine, Clinical Pharmacology, University of Missouri at Kansas City, 2001
National Merit Scholar, Northwestern University, 1995


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Jon Y. Zhou welcomes LGBT patients.

**Philosophy of Care**
Dr. Zhou strives to care for patients peri-operatively with compassion, respect and utilizes an evidence based approach. His goal is to provide excellent care for patients in the peri-operative environment and use multi-modal approaches to control both acute and chronic pain at UC Davis Medical Center.

**Clinical Interests**
Dr. Zhou's clinical interests include Acute and Chronic Pain Management, Obstetric anesthesia and Regional anesthesiology.

**Research/Academic Interests**
Dr. Zhou is a board certified anesthesiologist and pain medicine specialist and faculty in the Anesthesiology and Pain Medicine at UC Davis Medical Center. He specializes in peri-operative general anesthesia, OB anesthesia, and regional anesthesia/acute pain medicine. Dr. Zhou has research interests in medical informatics, acute pain medicine, and regional anesthesia. He is committed to improving resident education and advancing the long term goals of UCDMC.

Dr. Zhou completed his undergraduate degree in Biological Basis of Behavior and Anthropology at the University of Pennsylvania. He went to Jefferson Medical College for his medical school education and subsequently stayed to complete his residency in Anesthesiology at Jefferson University Hospital in Philadelphia, PA. He then came to UC Davis to complete his fellowship in pain medicine.

**Title**
Assistant Clinical Professor

**Specialty**
Anesthesiology

**Department**
Anesthesiology

**Division**
General Anesthesiology

**Address/Phone**
Patient Support Services Building, 4150 V St. Suite 1200 Sacramento, CA 95817
**Phone:** 916-734-5028

**Additional Phone**
Phone: 916-734-5031
Program Phone: 800-4-UCDAVIS (800-482-3284)

**Education**
M.D., Jefferson Medical College, Philadelphia PA 2010
B.A., University of Pennsylvania, Philadelphia PA 2005
Jon Y. Zhou, M.D.

**Internships**
Internal Medicine, Mercy Fitzgerald Hospital, Darby PA 2010-2011

**Residency**
Anesthesiology, Thomas Jefferson University Hospital, Philadelphia PA 2011-2014

**Fellowships**
Pain Medicine, UC Davis Medical Center, Sacramento CA 2014-2015

**Board Certifications**
American Board of Anesthesiology
American Board of Anesthesiology, Pain Medicine

**Professional Memberships**
American Society of Anesthesiologists
American Society of Regional Anesthesia and Pain Medicine

**Select Recent Publications**
Liu SS, Buvanendran A, Viscusi ER, Hutton E, Lubenow T, Zhou J, Shaw PM, Moric M, Lenart S.

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