UC Davis Medical Group Directory

Your guide to primary and specialty health-care providers

Patient information and
appointment assistance:
800-2-UCDAVIS
(800-282-3284)

Provider referral and
transfer assistance:
800-4-UCDAVIS
(800-482-3284)

UCDAVIS
MEDICAL GROUP

medicalgroup.ucdavis.edu

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
- ransfer 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.

Antonio G. Alvarez, M.D.

Philosophy of Care	When interpreting diagnostic exams, I strive to provide the same level of care I would provide for a member of my own family.
Clinical Interests	Dr. Alvarez's clinical interests include: interpretation of diagnostic imaging in abdominal, thoracic, emergency/trauma, neuroradiology, and women's imaging.
Title	Assistant Clinical Professor-WOS
Specialty	Radiology - Abdominal Imaging, Radiology - Emergency Radiology
Division	Body MRI
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Clinic Fax: 916-734-8490 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Spanish
Education	M.D., Stanford University School of Medicine, Stanford CA 2006 B.S., Brown University, Providence RI 1996
Internships	Internal Medicine, Kaiser Permanente, Santa Clara CA 2007
Residency	Radiology-General, Brown University/Rhode Island Hospital, Providence RI 2011
Fellowships	Radiology/Abdominal Imaging, UC Davis Medical Center, Sacramento CA 2012
Board Certifications	American Board of Radiology, 2011
Professional Memberships	American Board of Radiology American College of Radiology American Medical Association

UCDAVIS HEALTH

Shadi Aminololama-Shakeri, M.D.

Shadi Aminololama-Shakeri welcomes LGBT patients.

Philosophy of Care

My goal is to provide every woman with the most meticulous and compassionate care possible in a respectful and culturally sensitive manner.

Clinical Interests

Dr. Shakeri specializes in breast imaging, including digital mammography, tomosynthesis, ultrasound, and magnetic resonance imaging. She performs all breast breast interventional procedures offered at UC Davis including percutaneous breast biopsies using ultrasound guidance, MRI localization, and stereotactic techniques.

Research/Academic Interests

UC Davis is unique in that we have access to the cutting edge technology of breast computed tomography(CT) and positron emission tomography/ CT hybrid imaging, developed by colleagues in the department of radiology. Of the five breast CT scanners in the world which have been used for human imaging two of them were designed and fabricated at UC Davis.
The UCD Breast Imaging research program has led the clinical trials involving head to head comparison of the clinical and research imaging modalities. Dr. Shakeri's area of research interest is focused on the comparative analysis of breast lesions on CT and both standard and newer breast imaging modalities, specifically tomosynthesis and breast MRI.

Title

Assistant Professor, Department of Radiology
Director, Breast Imaging Fellowship Program
Co-Directory, Radiology Medical Student Education

Specialty

Diagnostic Radiology, Internal Medicine, Radiology - Breast Imaging

Department

Internal Medicine

Division

Breast Imaging
Diagnostic Radiology

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Sacramento, CA 95817

Additional Phone

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

Languages

Persian

Education

M.D., Temple University School of Medicine, Philadelphia, PA, 1999
B.S., UC Berkeley, Berkeley, CA, 1991

Internships

Internal Medicine, University of Texas Southwestern, Parkland Hospital, Dallas, TX, 2000

UCDAVIS HEALTH

Shadi Aminololama-Shakeri, M.D.

Residency
Radiology, UC Davis Medical Center, Sacramento, CA, 2008
Internal Medicine, University of Texas Southwestern, Parkland Hospital, Dallas, TX, 2002

Fellowships
Radiology, UC Davis Medical Center, Sacramento, CA, 2009

Board Certifications
American Board of Internal Medicine
American Board of Radiology

Professional Memberships
American College of Radiology
American Institute of Ultrasound in Medicine
American Roentgen Ray Society (ARRS)
American Society of Breast Disease
Radiological Society of North America
Society of Breast Imaging

Honors and Awards
UC Davis Junior Faculty Radiology Teaching Excellence Award, 2012
Stanley J. Sarnoff Endowment for Cardiovascular Research Fellow, 1996
UC Davis Interprofessional Teaching Scholar, 2014

Select Recent Publications

Aminololama-Shakeri S, Khatri VP. Emerging Modalities In Breast Cancer Imaging. 2014; 23(4): 735-749.

Taghavi M, Zhang Y, Lindfors K, Aminololama-Shakeri S. Breast Cancer Mimic: Cutaneous B-Cell Lymphoma Presenting as an Isolated Breast Mass. Case Reports Oncology, 2014; 7(3): 685-691.

Nosratieh A, Yang K, Aminololama-Shakeri S, Boone JM. Comprehensive assessment of the slice sensitivity profiles in breast tomosynthesis and breast CT. Medical Physics 2012 Dec; 39(12): 7254-61

Aminololama-Shakeri S, Wooten-Gorges S, Pretzlaff R, Reyes M, Moore E. Right Sided Superior Vena Cava Draining into Left Atrium: A Rarer Anomaly of Systemic Venous Return. Pediatric Radiology 2007, January 4.

UCDAVIS HEALTH

Shadi Aminololama-Shakeri, M.D.

Patten M, Aminololama-Shakeri S, Koudssi F, Villegas S, and Long CS. Interleukin-1ß Increases the Abundance and Activity of the Negative Regulator Yin Yang-1 in Neonatal Rat Cardiac Myocytes. Journal of Molecular and Cellular Cardiology 2000; 32(7): 1341-52.

Nguyen HV, Aminololama-Shakeri S, Zhang Y. Initial presentation and recurrence of metastatic rhabdomyosarcoma as breast mass. Radiology Case Reports 2013; Volume 8 Issue 4; 8:855

UCDAVIS HEALTH

Ramsey Derek Badawi, Ph.D.

Clinical Interests

Dr. Badawi is a medical physicist specializing in Nuclear Medicine. His clinical interests include maintenance and development of technical excellence in nuclear medicine imaging and therapy.

Research/Academic Interests

Dr. Badawi's current research interests include quantitative PET imaging, dedicated breast PET/CT, high resolution multi-modality imaging of the wrist, large axial field of view PET scanners and imaging of response to cancer and arthritis therapy. Dr. Badawi's is currently funded by the NIH to build the world's first Total Body PET scanner.
A news article and video on this project can be found here.

Title

Chief of the Division of Nuclear Medicine
Professor

Specialty

Cancer, Radiology, Biomedical Engineering

Department

Radiology

Division

Radiology Physics

Center/Program Affiliation

UC Davis Comprehensive Cancer Center

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

Additional Phone

Phone: 916-703-2273

Email

rdbadawi@ucdavis.edu

Education

Ph.D., University of London, London, United Kingdom 1998
B.S., University of Sussex, Brighton, United Kingdom, 1987
M.S., University of Sussex, Brighton, United Kingdom, 1988

Fellowships

University of Washington Medical Center, Seattle WA 1998

Professional Memberships

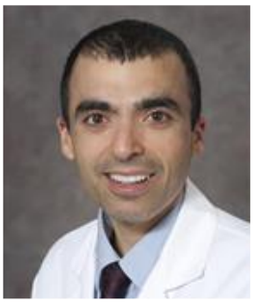
American Association of Physicists in Medicine
IEEE Nuclear and Plasma Sciences
Society for Nuclear Medicine and Molecular Imaging

UCDAVIS HEALTH

Ramsey Derek Badawi, Ph.D.

Society for the Internet in Medicine

UCDAVIS HEALTH



Cyrus Bateni, MD

Cyrus Bateni welcomes LGBT patients.

Clinical Interests
I am fellowship trained in both musculoskeletal radiology and breast imaging. I am committed toward the education of medical students, residents, and fellows. I have an interest in image guided interventions.

Specialty
Radiology, Diagnostic Radiology, Radiology - Musculoskeletal Radiology, Radiology - Breast Imaging, Radiology - Diagnostic Radiology

Department
Radiology

Division
Breast Imaging
Musculoskeletal Radiology

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

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

Education
Drexel University College of Medicine, Philadelphia PA, MD 2006
UC Berkeley, Berkeley CA, BA 2001

Internships
St. Joseph's Hospital and Medical Center, Phoenix AZ, Internal Medicine, 2006-07

Residency
UC Davis Medical Center, Sacramento CA, Radiology, 2007-11

Fellowships
UC Davis Medical Center, Sacramento CA, Radiology-Breast Imaging, 2012
University of Washington, Seattle WA, Musculoskeletal Imaging, 2011-12

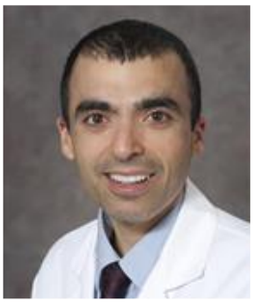
Board Certifications
American Board of Radiology

Professional Memberships
American College of Radiology

Honors and Awards
Excellence in Professionalism, 2011
Excellence in Teaching Musculoskeletal Radiology to Residents, 2012

Select Recent Publications
Bateni CP, Bartolotta RJ, Richardson ML, Mulcahy H, Allan CH. Imaging key wrist ligaments: what the surgeon wants the radiologist to know. *AJR Am J Roentgenol.* 2013 May; 200(5):1089-95.
Stein-Wexler R, Bateni C, Wootton-Gorges S, Li CS. Pediatric radiology fellows' experience with

UCDAVIS HEALTH



Cyrus Bateni, MD

intussusception reduction. *Pediatric Radiology*. 2011 Nov; 41(11):1365-8.
Bateni C, Stein-Wexler R, Wootton-Gorges S, Li CS. Radiology residents' experience with intussusception reduction. *Pediatric Radiology*. 2011 June; 41 (6): 721-6.
Gerscovich E, Bateni C, Kazemaini M, Gillen M, Visis T. Reversal of Diastolic Flow in the Testis of a Patient with Impending Infarction Due to Epididymitis. *J of Ultrasound in Medicine*. 2008. 27: 1643-1646.

UCDAVIS HEALTH

Jasjeet Bindra, M.B.B.S.

Philosophy of Care
My mission is to provide quality, accurate and efficient diagnostic and interventional Radiologic services thus contributing to excellent healthcare for our patients. I consciously strive for quality and compassion at all times.

Clinical Interests
Dr. Bindra's clinical interests include: Advanced MRI and CT imaging of disorders of Musculoskeletal system.
She also specializes in use of Ultrasound in Musculoskeletal system and image guided interventional procedures of MSK system and biopsies of soft tissue and bone neoplasms.

Research/Academic Interests
Dr. Bindra's research interests include: Imaging of joint implants, foot and ankle imaging, and education in radiology.

Title
Assistant Professor of Clinical Radiology
Assistant Program Director, Radiology Residency Program
Program Director, NMDR Residency Program

Specialty
Radiology, Radiology - Musculoskeletal Radiology

Department
Radiology

Division
Musculoskeletal Radiology

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

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

Languages
Hindi, Punjabi

Education
M.B.B.S., Lady Hardinge Medical College, New Delhi, India 1995

Internships
Radiology, St. Vincent Hospital, Worcester MA 2001-2002

Residency
St. Vincent's Hospital, Worcester MA 2003-2004
Radiology, UC Davis Medical Center, Sacramento CA 2004-2007

Fellowships
Nuclear Medicine, JPNM Harvard Medical School, Boston MA 2002-2003
MSK-Radiology, UC Davis Medical Center, Sacramento CA 2007-2008

Board Certifications
American Board of Radiology

UCDAVIS HEALTH

Jasjeet Bindra, M.B.B.S.

Professional Memberships

American Roentgen Ray Society
Association of Program Directors in Radiology

Select Recent Publications

Boutin RD, Bindra J. Imaging of Bone Tumors. In: Chapman MW, James M, eds. Chapman's Comprehensive Orthopaedic Surgery. 4th ed. Philadelphia, PA: Jaypee Medical Publishing, 2016.

Boutin RD, Bindra J, Canter R. Imaging of Soft-tissue Tumors. In: Chapman MW, James M, eds. Chapman's Comprehensive Orthopaedic Surgery. 4th ed. Philadelphia, PA: Jaypee Medical Publishing, 2016.

Golshani B, Bindra J, Hunter JC. Bilateral triceps tendon tear. Radiol Case Rep. 2015 Nov 6;6(4): 581.

Bindra J, VanDenBogaerde J, Hunter JC. Coracoid fracture with recurrent AC joint separation after Tightrope repair of AC joint dislocation. Radiol Case Rep. 2015 Nov 6;6(4):624.

Bindra J, Doherty M, Hunter JC. Superficial acral fibromyxoma. Radiol Case Rep. 2015 Dec 7;7(3): 751.

Mitsunaga MM, Bateni C, Bindra J. Venous tumor thrombus from a pelvic osteosarcoma. Radiol Case Rep. 2015 Nov 6;8(3):864.

Bindra J, Lam A, Lamba R, VanNess M, Boutin RD. Erdheim-Chester disease: an unusual presentation of an uncommon disease. Skeletal Radiol. 2014 Jun;43(6):835-40.

Bateni C, Bindra J, Haus B. MRI of Sports Injuries in Children and Adolescents: What's Different from Adults. Curr Radiol Rep. 2014; 2:45.

UCDAVIS HEALTH

Jasjeet Bindra, M.B.B.S.

UCDAVIS HEALTH

Matthew Bobinski, M.D., Ph.D.

Clinical Interests Dr. Bobinski has clinical interests in neuroradiology, focusing on head and neck radiology and advanced magnetic resonance imaging techniques. His research interests are in imaging of head and neck cancer and effects of its treatment. His research projects also include brain tumors, Alzheimer's disease, degenerative brain disorders and dementia.

Title Professor, Chief of Neuroradiology

Specialty Radiology, Radiology - Neuroradiology

Department Radiology

Division Neuroradiology

Clinic Radiology Services

Education
M.D., Medical University of Gdansk, Gdansk, Poland, 1988
Ph.D., Medical University of Gdansk, Gdansk, Poland, 1993

Internships Staten Island University Hospital, Staten Island, New York, 1997

Residency Long Island College Hospital, Brooklyn, New York, 1998-2002

Fellowships New York University Medical Center, New York, New York, 2002-2004

Board Certifications
American Board of Radiology, Diagnostic Radiology, 2002
American Board of Radiology, Neuroradiology, 2004

Professional Memberships
American College of Radiology
American Roentgen Ray Society
American Society of Neuroradiology
Radiological Society of North America

Select Recent Publications
Hahn Y, Diaz R, Bobinski M, Hartman J, Brodie H. Assessing stapes piston using computed tomography: a cadaveric study. Otol Neurotol, 30:223-230. 2009.
J. Zhan, M. Brys, Glodzik L, Tsui W, Javier E, Wegiel J, Kuchna I, Pirraglia E, Li Y, Mosconi L, Saint Louis L, Switalski R, De Santi S, Kim BC, Wisniewski T, Reisberg B, Bobinski M, MJ de Leon. An Entorhinal Cortex Sulcal Pattern is Associated with Alzheimer's Disease. Hum Brain Map, 30: 874-882. 2009.

UCDAVIS HEALTH

Matthew Bobinski, M.D., Ph.D.

Mitsis EM, Bobinski M, de Leon, MJ, Convit A, deSanti S. Neuropathological and neuroimaging studies of the hippocampus in normal aging and in Alzheimer's disease. In Neurobiology of Mental Ilness. Eds. Charney DS, Nestler EJ. Oxford. pp. 936-957. 2009.

Wegiel J, Bobinski M, Tarnawski M, et al. Fibrillar amyloid-beta affects neurofibrillary changes, but only in neurons already involved in neurofibrillary degeneration. *Acta Neuropathol* (Berl), 101(6): 585-90, 2001.

de Leon M, Bobinski M, Convit A, Wolf O, Insausti R. Usefulness of MRI measures of entorhinal cortex versus hippocampus in AD. *Neurology*, 56(6):820-1, 2001.

Bobinski M, de Leon MJ, Wegiel J, DeSanti S, Convit A, Saint Louis LA, Rusinek H, Wisniewski H. The histologic validation of postmortem MRI determined hippocampal volume in Alzheimer's disease. *Neuroscience*, 95:721-725, 2000.

Bobinski M, de Leon MJ, Convit A, De Santi S, Wegiel J, Tarshish CY, Saint Louis LA, Wisniewski HM. MRI of the entorhinal cortex in mild Alzheimer's disease. *Lancet*, 353:38-40, 1999.

Bobinski M, de Leon MJ, Tarnawski M, Wegiel J, Bobinski M, Reisberg B, Miller DC, Wisniewski HM. Neuronal and volume loss in CA1 of the hippocampal formation uniquely predicts duration and severity of Alzheimer's disease. *Brain Res*, 805:267-269, 1998.

Bobinski M, Wegiel J, Tarnawski M, Bobinski M, de Leon MJ, Reisberg B, Miller DC, Wisniewski HM. Duration of neurofibrillary changes in the hippocampal pyramidal neurons. *Brain Res*, 799: 156-158, 1998.

Bobinski M, Wegiel J, Tarnawski M, Bobinski M, Reisberg B, de Leon MJ, Miller DC, Wisniewski HM. Relationships between regional neuronal loss and neurofibrillary changes in the hippocampal formation and duration and severity in Alzheimer's disease. *J Neuropathol Exp Neurol*, 56:414-420, 1997.

Bobinski M, Wegiel J, Wisniewski HM, Tarnawski M, Bobinski M, Reisberg B, de Leon MJ, Miller DC. Neurofibrillary pathology - correlation with hippocampal formation atrophy in Alzheimer's disease. *Neurobiol Aging*, 17:909-919, 1996.

Reisberg B, Franssen EH, Bobinski M, et al. Overview of methodologic issues for pharmacologic trials in mild, moderate and severe Alzheimer's disease. *Int Psychogeriatr*, 8(2):159-93, summer 1996.

Bobinski M, Wegiel J, Wisniewski HM, Tarnawski M, Reisberg B, Mlodzik B, de Leon MJ, Miller DC. Atrophy of hippocampal formation subdivisions correlates with the stage and duration of Alzheimer's disease. *Dementia*, 6:205-210, 1995.

Wisniewski KE, Bobinski M. Hypothalamic abnormalities in Down's syndrome. *Prog Clin Biol Res*, 373:153-167, 1991.

UCDAVIS HEALTH

Matthew Bobinski, M.D., Ph.D.

UCDAVIS HEALTH

John M. Boone, Ph.D.

Clinical Interests	Dr. Boone is a medical physicist in the Department of Radiology, and he is board-certified by the American Board of Radiology and diagnostic radiological physics. He has research interests in the development of medical imaging technology, and has developed four breast CT scanners under NIH funding, and has evaluated the performance of breast CT on over 600 patients. He is also interested in radiation dosimetry, and has published extensively on this topic in mammography and computed tomography.
Title	Professor Vice Chair of Research, Radiology
Specialty	Cancer, Radiology, Radiology Physics
Department	Radiology
Division	Radiology Physics
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.S., UC Irvine, Irvine CA 1981 Ph.D., UC Irvine, Irvine CA 1985 B.A., UC Berkeley, Berkeley CA 1979
Fellowships	Health Care Affiliates, Inc., Laguna Hills CA 1983-1985
Board Certifications	American Board of Radiology, Diagnostic Radiological Physics, 1988
Professional Memberships	American Association of Physicists in Medicine (Fellow) American College of Radiology (Fellow) American Institute for Medical and Biological Engineering (AIMBE) Society of Breast Imaging (Fellow) The International Society for Optical Engineering (SPIE)

UCDAVIS HEALTH

John M. Boone, Ph.D.

Select Recent Publications

Aminololama-Shakeri S, Abbey CK, Gazi P, Prionas ND, Nosratieh A, Li CS, Boone JM, Lindfors KK. Differentiation of ductal carcinoma in-situ from benign micro-calcifications by dedicated breast computed tomography. Eur J Radiol. 2016 Jan;85(1):297-303.

Corwin MT, Seibert JA, Fananapazir G, Lamba R, Boone JM. JOURNAL CLUB: Quantification of Fetal Dose Reduction if Abdominal CT Is Limited to the Top of the Iliac Crests in Pregnant Patients With Trauma. AJR Am J Roentgenol. 2016 Apr;206(4):705-12.

Hernandez AM, Seibert JA, Boone JM. Breast dose in mammography is about 30% lower when realistic heterogeneous glandular distributions are considered. Med Phys. 2015 Nov;42(11):6337-48.

Nosratieh A, Hernandez A, Shen SZ, Yaffe MJ, Seibert JA, Boone JM. Mean glandular dose coefficients (D(g)N) for x-ray spectra used in contemporary breast imaging systems. Phys Med Biol. 2015 Sep 21;60(18):7179-90.

Sechopoulos I, Ali ES, Badal A, Badano A, Boone JM, Kyprianou IS, Mainegra-Hing E, McMillan KL, McNitt-Gray MF, Rogers DW, Samei E, Turner AC. Monte Carlo reference data sets for imaging research: Executive summary of the report of AAPM Research Committee Task Group 195. Med Phys. 2015 Oct;42(10):5679-91.

Smith-Bindman R, Moghadassi M, Wilson N, Nelson TR, Boone JM, Cagnon CH, Gould R, Hall DJ, Krishnam M, Lamba R, McNitt-Gray M, Seibert A, Miglioretti DL. Radiation Doses in Consecutive CT Examinations from Five University of California Medical Centers. Radiology. 2015 Oct;277(1): 134-41.

Lee J, Nishikawa RM, Reiser I, Boone JM, Lindfors KK. Local curvature analysis for classifying breast tumors: Preliminary analysis in dedicated breast CT. Med Phys. 2015 Sep;42(9):5479-89.

UCDAVIS HEALTH

John M. Boone, Ph.D.

Dixon RL, Boone JM, Kraft RA. Dose equations for shift-variant CT acquisition modes using variable pitch, tube current, and aperture, and the meaning of their associated CTDI(vol). Med Phys. 2014 Nov;41(11):111906.

Lamba R, McGahan JP, Corwin MT, Li CS, Tran T, Seibert JA, Boone JM. CT Hounsfield numbers of soft tissues on unenhanced abdominal CT scans: variability between two different manufacturers' MDCT scanners. AJR Am J Roentgenol. 2014 Nov;203(5):1013-20.

Morin RL, Seibert JA, Boone JM. Radiation dose and safety: informatics standards and tools. J Am Coll Radiol. 2014 Dec;11(12 Pt B):1286-97.

UCDAVIS HEALTH

Robert Downey Boutin, M.D.

Robert Downey Boutin welcomes LGBT patients.

Clinical Interests	Dr. Boutin's clinical interests include: advanced musculoskeletal imaging, with an emphasis on orthopaedic applications of MRI.
Research/Academic Interests	Dr. Boutin's research interests focus on diagnostic imaging of muscle, tendon, and osteoarticular structures.
Title	Clinical Professor
Specialty	Radiology, Radiology - Musculoskeletal Radiology
Department	Radiology
Division	Musculoskeletal Radiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Phone: 916-734-6542 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC Davis School of Medicine, Sacramento CA 1991 M.Sc., Biological Sciences, Stanford University, Stanford CA 1986 B.S., Stanford University, Stanford CA 1986
Residency	Radiology, University of New Mexico, Albuquerque NM 1991-1995
Fellowships	Radiology, UC San Diego, San Diego CA 1995-1996
Board Certifications	American Board of Radiology, 1995
Professional Memberships	American Roentgen Ray Society International Skeletal Society Radiological Society of North America Society of Academic Bone Radiologists Society of Skeletal Radiology

UCDAVIS HEALTH

Robert Downey Boutin, M.D.

Honors and Awards

Patrick T. Liu Innovation Research Award, Society of Skeletal Radiology; New Orleans, LA., 2016
Research Award, Society of Skeletal Radiology; Scottsdale, AZ., 2015
Magna Cum Laude Award, Education Exhibit, Radiological Society of North America Annual Meeting; Chicago, IL., 2015
Fellow Research Award for Outstanding Performance in Research, University of California, Davis, Department of Orthopaedic Surgery., 2015
Senior Faculty Teaching Award, University of California, Davis Radiology Residents., 2013
Certificate of Merit, Education Exhibit, Radiological Society of North America Annual Meeting; Chicago, IL., 2013
Cum Laude Award, Education Exhibit, Radiological Society of North America Annual Meeting; Chicago, IL., 2013
Fellow Research Award for Outstanding Performance in Research, University of California, Davis, Department of Orthopaedic Surgery., 2013

Select Recent Publications

Boutin RD, Bindra J, Canter R. Imaging of Soft-tissue Tumors. In: Chapman MW, James M, eds. Chapman's Comprehensive Orthopaedic Surgery. 4th ed. Philadelphia, PA: Jaypee Medical Publishing, 2016.

Boutin RD, Bindra J. Imaging of Bone Tumors. In: Chapman MW, James M, eds. Chapman's Comprehensive Orthopaedic Surgery. 4th ed. Philadelphia, PA: Jaypee Medical Publishing, 2016.

Boutin RD, Fritz RC, Marder RA. Magnetic resonance imaging of the postoperative meniscus: resection, repair, and replacement. Magn Reson Imaging Clin N Am. 2014 Nov;22(4):517-55.

Boutin RD, Chang J, Bateni C, Giza E, Wisner ER, Yao L. The Notch of Harty (Pseudodefect of the Tibial Plafond): Frequency and Characteristic Findings at MRI of the Ankle. AJR Am J Roentgenol. 2015 Aug;205(2):358-63.

Boutin RD, Yao L, Canter RJ, Lenchik L. Sarcopenia: Current Concepts and Imaging Implications. AJR Am J Roentgenol. 2015 Sep;205(3):W255-66.

UCDAVIS HEALTH

Robert Downey Boutin, M.D.

Boutin RD, White LM, Laor T, Spitz DJ, Lopez-Ben RR, Stevens KJ, Bredella MA. MRI findings of serous atrophy of bone marrow and associated complications. Eur Radiol. 2015 Sep;25(9):2771-8.

Canter RJ, Borys D, Olusanya A, Li C, Lee L, Boutin RD, Christensen SD, Tamurian RM, Monjazeb AM. Phase I Trial of Neoadjuvant Conformal Radiotherapy Plus Sorafenib for Patients with Locally Advanced Soft Tissue Sarcoma of the Extremity. Ann Surg Oncol. 2014; 21(5):1616-23.

Boutin RD, Kaptuch JM, Bateni CP, Chalfant JS, Yao L. Influence of Intravenous Contrast Administration on CT Measures of Muscle and Bone Attenuation: Implications for Sarcopenia and Osteoporosis Evaluation. AJR Am J Roentgenol. 2016.

Yao L, Gai N, Boutin RD. Axial Scan Orientation and the Tibial Tubercle-Trochlear Groove Distance: Error Analysis and Correction. AJR Am J Roentgenol. 2014; 202(6):1291-6.

Boutin RD, Buonocore MH, Immerman I, Ashwell Z, Sonico GJ, Szabo RM, Chaudhari AJ. Real-Time Magnetic Resonance Imaging (MRI) During Active Wrist Motion - Initial Observations. PLOS ONE. 2013; DOI: 10.1371/journal.pone.0084004.

UCDAVIS HEALTH

James A. Brunberg, M.D., M.H.S.A.

Clinical Interests Dr. Brunberg's clinical practice relates to Neuroradiology and to Pediatric Neuroradiology. His research interests involve the use of advanced magnetic resonance imaging techniques for the characterization of neurological disease in children and in adults. Dr. Brunberg joined the UC Davis faculty as Professor and Chair of the Department of Radiology in 1998. He continued as Chair until March 2007. Dr. Brunberg is a founding member and a Past President of the American Society Pediatric Neuroradiology. He is board certified is in Diagnostic Radiology, with a Certificate of Added Qualification in Neuroradiology. He is also board certified in Neurology with Special Competence in Child Neurology.

Title Professor of Radiology

Specialty Diagnostic Radiology, Neuroradiology, Pediatric Neuroradiology

Department Radiology

Division Neuroradiology

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

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

Education M.D., University of Iowa College of Medicine, Iowa City, Iowa, 1968
M.H.S.A., University of Michigan, School of Public Health, Ann Arbor, Michigan, 1998

Internships University of Miami, Jackson Memorial Hospital, Miami, Florida, 1968-1969

Residency University of Iowa, Iowa City, Iowa, 1969-1971
University of Pittsburgh, Pittsburgh, Pennsylvania, 1982-1985

Fellowships University of Iowa, Iowa City, Iowa, 1971-1973
University of Pittsburgh, Pittsburgh, Pennsylvania, 1985-1986

Board Certifications American Board of Psychiatry and Neurology, Child Neurology, 1974
American Board of Radiology, 1986
American Board of Radiology, Neuroradiology, 2005

UCDAVIS HEALTH

James A. Brunberg, M.D., M.H.S.A.

Professional Memberships

American Society of Neuroradiology
Radiological Society of North America

Select Recent Publications

Davis PC, Wippold FJ 2nd, Brunberg JA, Cornelius RS, De La Paz RL, Dormont PD, Gray L, Jordan JE, Mukherji SK, Seidenwurm DJ, Turski PA, Zimmerman RD, Sloan MA. ACR Appropriateness Criteria on low back pain. *J Am Col RadioI* 2009; 6(6):401

Zhang L, Coffey S, Lua LL, Greco CM, Schafer JA, Brunberg J, et al. FMR1 premutation in females diagnosed with multiple sclerosis. *J Neurol Neurosurg Psychiatry* 2009; 80(7):812

Greco CM, Tassone F, Garcia-Arocena D, Tartaglia N, Coffey SM, Vartanian TK, Brunberg JA, Hagerman PJ, Hagerman RJ. Clinical and neuropathologic findings in a woman with the FMR1 premutation and multiple sclerosis. *Arch Neurol* 2008; 65(8):1114

Brunberg JA. Ataxia. *Am J NeuroradioI* 2008; 29(7):1420

Hagerman RJ, Coffey SM, Maselli R, Soontarapornchai K, Brunberg JA, Leehey MA, Zhang L, Gane LW, Fenton-Farrell G, Tassone F, Hagerman PJ. Neuropathy as a presenting feature in fragile X-associated tremor/ataxia syndrome. *Am J Med Genet* 2007; 143A(19):2256

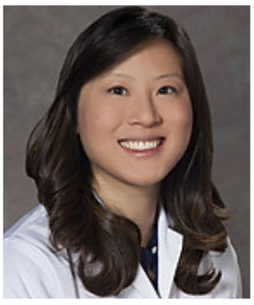
Adams JS, Adams PE, Nguyen D, et al. Volumetric brain changes in females with fragile X-associated tremor/ataxia syndrome (FXTAS). *Neurology* 2007; 69(9):851

Berry-Kravis E, Abrams L, Coffey SM, Hall DA, Greco C, Gane LW, Grigsby J, Bourgeois JA, Finucane B, Jacquemont S, Brunberg JA, Zhang L, Un J, Tassone F, Hagerman PJ, Hagerman RJ, Leehey MA. Fragile X-associated tremor/ataxia syndrome: clinical features, genetics, and testing guidelines. *Mov Disord* 2007; 22(14):2018

Bourgeois JA, Cogswell JB, Hessl D, Zhang L, Ono MY, Tassone F, Farzin F, Brunberg JA, Grigsby J, Hagerman RJ. Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. *Gen Hosp Psychiatry* 2007; 29(4):349

Cohen S, Masyn K, Adams J, Hessl D, Rivera S, Tassone F, Brunberg J, et al. Molecular and imaging correlates of the fragile X-associated tremor/ataxia syndrome. *Neurology*, 67(8):1426-31, Oct 24, 2006.

UCDAVIS HEALTH



Jennifer Chang, M.D.

Jennifer Chang welcomes LGBT patients.

Title Assistant Professor of Radiology

Specialty Radiology

Department Radiology

Division Neuroradiology

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 Chinese (Mandarin)

Education M.D., University of Toledo, Toledo OH 2009
B.A., UC Berkeley, Berkeley CA 2004

Internships Transitional Year, Riverside Methodist Hospital, Columbus OH 2009-2010

Residency Radiology, UC Davis Medical Center, Sacramento CA 2010-2014

Fellowships Neuroradiology, Massachusetts General Hospital, Boston MA 2014-2016

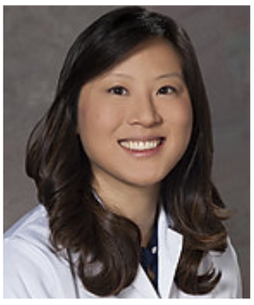
Board Certifications American Board of Radiology

Professional Memberships American Association of Women Radiologists
American College of Radiology
American Society of Neuroradiology
Radiological Society of North America

Select Recent Publications Chang J, Arani K, Chew S, Frosch MP, Gonzalez RG, Maza N, Romero JM. Susceptibility Etching on MRI in Patients with Microangiopathy. J Neuroimaging. 2016 Aug 19.

Boutin R, Chang J, Bateni C, Yao L. Pseudodefect of the Tibial Plafond Cartilage (Notch of Harty): Ankle MRI\Findings and Frequency. American Journal of Radiology. 2015 Aug.

UCDAVIS HEALTH



Jennifer Chang, M.D.

Sanchez TR, Chang J, Bauer A, Joyce NC, Patel CV. Dynamic sonographic evaluation of posterior shoulder dislocation secondary to brachial plexus birth palsy injury. J Ultrasound Med. 2013 Sep; 32(9):1531-4.

Chang J, Gerscovich EO, Dublin AB, McGahan JP. Thyroid hemiagenesis: a rare finding. J Ultrasound Med. 2011 Sep;30(9):1309-10.

Abdullah A, Elsamaloty H, Patel Y, Chang J. CT and MRI findings with histopathologic correlation of a unique bilateral orbital mantle cell lymphoma in Graves' disease: a case report and brief review of literature. J Neurooncol. 2010 Apr;97(2):279-84.

UCDAVIS HEALTH

Abhijit J. Chaudhari, Ph.D.

Research/Academic Interests
The mission of Dr. Chaudhari's research group is to develop novel medical imaging methods in the context of the musculoskeletal system in humans and animal models. This includes development and validation of advanced medical imaging instrumentation, imaging protocols, and methods for image analysis.

Title
Assistant Professor of Radiology

Specialty
Radiology-Musculoskeletal Imaging, Radiology - Radiology Physics, Orthopedics - Imaging, Rheumatology - Imaging, Cancer - Imaging

Department
Radiology

Division
Nuclear Medicine
Radiology Physics
Musculoskeletal Radiology

Center/Program Affiliation
UC Davis Comprehensive Cancer Center

Address/Phone
Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

Languages
Hindi, Marathi

Education
Ph.D., University of Southern California, Los Angeles CA 2007
M.S., California State University, Northridge, Northridge CA 2002
B.E., University of Pune, Pune, 1999
M.S., University of Southern California, Los Angeles CA 2007

Fellowships
UC Davis/UC Davis Medical Center, Davis/Sacramento CA 2007-2010

Professional Memberships
American College of Rheumatology
Institute of Electrical and Electronic Engineers
Society of Nuclear Medicine

Honors and Awards
Cover page image of the journal Rheumatology for all issues in the year, 2011
Society of Nuclear Medicine Young Professionals Committee, Third Prize in Basic Science, 2010
Outstanding Research Award, UC Davis Cancer Center, Sacramento, CA, 2007
President's Associates Outstanding Graduate Student Award, California State University, Northridge, CA, 2002

UCDAVIS HEALTH

Abhijit J. Chaudhari, Ph.D.

Bruce H. Hasegawa Young Investigator Medical Imaging Science Award, 2011
Winner, Still Image category, American College of Rheumatology 2011 Annual Image Competition, 2011
Interdisciplinary Women's Health Research Scholar, 2013
Young Investigator Award, 2014

Select Recent Publications

For a complete list of Dr. Chaudhari's publications, click here.

A. J. Chaudhari, R. M Leahy, B. L Wise, N. E Lane, R. D. Badawi and AA Joshi, Global point signature for shape analysis of carpal bones, Physics in Medicine and Biology, 2014; 59(4), pp 961-974.

R. D. Boutin, M. H. Buonocore, I. Immerman, Z. Ashwell, G. J. Sonico, R. Szabo, and A. J. Chaudhari, Real-time MRI during active wrist motion – initial observations, PLOS One, 2013;8 (12): e84004.

M. Lam, A. J. Chaudhari, Y. Sun, F. Zhou, A. Dobbie, R. F. Gandour-Edwards, S. L. Tinling, D. G. Farwell, W. L. Monsky, K. Kirk Shung and L. Marcu, Ultrasound backscatter microscopy for imaging of oral carcinoma, Journal of Ultrasound in Medicine, 2013;32(10), pp 1789-1797.

W. L. Monsky, B. Jin, C. Molloy, R. J. Canter, S. C. Li, T-C Lin, D. Borys, W. Mack, I. Kim, M. H. Buonocore and A. J. Chaudhari, Semi-Automated Determination of Tumor Necrosis in Soft Tissue Sarcoma Using Contrast-Enhanced MRI, Anticancer Research, 2012;32(11):4951-4961.

J. T. Gu, L. Nguyen, A. J. Chaudhari, and J. D. MacKenzie, Molecular Characterization of Rheumatoid Arthritis with Magnetic Resonance Imaging, Topics in Magnetic Resonance Imaging, 2011;22(2), 61-69.

A. J. Chaudhari, S. L. Bowen, G. W. Burkett, N. J. Packard, F. Godinez, A. A. Joshi, S. M. Naguwa,

UCDAVIS HEALTH

Abhijit J. Chaudhari, Ph.D.

D. K. Shelton, J. C. Hunter, J. M. Boone, M. H. Buonocore and R. D. Badawi, High resolution 18F-FDG-PET with MRI for monitoring response to treatment in Rheumatoid Arthritis, European Journal of Nuclear Medicine and Molecular Imaging, 2010;37(5), 1047

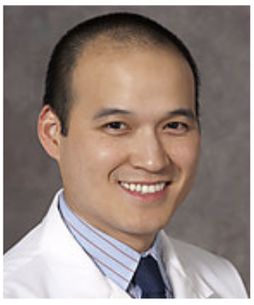
A. J. Chaudhari, S. Ahn, R. Levenson, S. R. Cherry, and R. M. Leahy, Excitation spectroscopy in multispectral optical fluorescence tomography: methodology, feasibility, and computer simulation studies, Physics in Medicine and Biology, 2009;54(15), 4687-4704.

A. J. Chaudhari, A. A. Joshi, S. L. Bowen, R. M. Leahy, S. R. Cherry, and R. D. Badawi, Crystal identification in positron emission tomography using nonrigid registration to a Fourier-based template, Physics in Medicine and Biology, 2008;53(18), 5011-5027

A. J. Chaudhari, F. Darvas, J. R. Bading, R. A. Moats, P.S. Conti, D. J. Smith, S. R. Cherry, R. M. Leahy, Hyperspectral and multispectral bioluminescence optical tomography for small animal imaging, Physics in Medicine and Biology, 2005;50(23), 5421-5441.

A. J. Chaudhari, Y. Yang, S. R. Cherry, R. D. Badawi, PSPMT/APD hybrid DOI detectors for the PET component of a dedicated breast PET/CT system - a feasibility study, IEEE Transactions on Nuclear Science, 2008;55(3), 853-861

UCDAVIS HEALTH



Danny Cheng, M.D.

Danny Cheng welcomes LGBT patients.

Clinical Interests Dr. Cheng's clinical interests include central venous access, interventional oncology, hepatobiliary interventions, uterine fibroid embolization, difficult IVC filter retrievals using advanced techniques and pelvic congestion syndrome/varicocele embolization.
For more information on varicoceles and minimally-invasive treatment options, please visit: http://varicoceles.com/

Title Assistant Clinical Professor

Specialty Interventional Radiology

Department Radiology

Division Interventional Radiology

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

Education M.D., Medical College of Georgia, Augusta GA 2006
B.A., Emory University, Atlanta GA 2002

Internships Carraway Hospital, Birmingham AL 2006-2007

Residency Diagnostic Radiology, University of Chicago Medical Center, Chicago IL 2007-2011

Fellowships Vascular and Interventional Radiology, University of Chicago Medical Center, Chicago IL 2011-2012

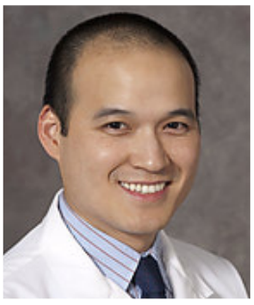
Board Certifications American Board of Radiology, 2011
American Board of Radiology, Interventional Radiology, 2015

Professional Memberships American Roentgen Ray Society
Radiological Society of North America
Society of Interventional Radiology

Honors and Awards Excellence in Resident Instruction by a Fellow, 2012
Chief Resident, 2010
Alpha Omega Alpha, 2005

Select Recent Publications Rao R, Bent C, Tse G, Golshani B, Cheng D. Removal of Two Gunther Tulip Filters after Indwelling

UCDAVIS HEALTH



Danny Cheng, M.D.

Times of Greater than 9 Years. J Vasc Interv Radiol. 2016.

Khong K, Nguyen H, Li C, Cheng D, McGahan JP. Percutaneous Radiofrequency Ablation of Hepatocellular Carcinoma Against the Diaphragm: Is Artificial Ascites Necessary? Open J of Radiology. 2014, 4: 32-43.

Cheng D, Amin P, Ha TV. Percutaneous sclerotherapy of cystic lesions. Semin Intervent Radiol. 2012 Dec;29(4):295-300.

Amin P, Cheng D. Management of Complicated Appendicitis in the Pediatric Population: When Surgery Doesn't Cut It. Semin Intervent Radiol. 2012 Sep;29(3):231-6.

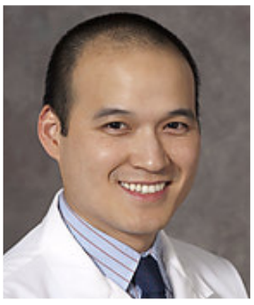
Cheng D. Liver abscess following transarterial chemoembolization. Semin Intervent Radiol. 2011 Dec;28(4):450-6.

Cheng D, Zangan SM. Duplication of the inferior vena cava in a patient presenting for IVC filter placement. J Vasc Access. 2010 Apr-Jun;11(2):162-4.

Cheng D, Huang R, Lanham IS, Cathcart HM, Howard M, Corder EH, Poduslo SE. Functional Interactions between APOE4 and LDL Receptor Isoforms in Alzheimer's Disease. J of Med Genetics. 2005;42:129-131.

Grigoriev VA, Cheng D, Hill CL, Weinstock IA. Role of Alkali Metal Cation Size in the Energy and Rate of Electron Transfer to Solvent-Separated 1:1 [(M+)(Acceptor)] (M+ = Li+, Na+, K+) Ion Pairs. J. Am. Chem. Soc. 2001;123(22); 5292-5307.

UCDAVIS HEALTH



Danny Cheng, M.D.

Weinstock IA, Grigoriev VA, Cheng D, Hill CL. Role of Alkali-Metal Cation Size in Electron Transfer to Solvent-Separated 1:1 [(M+)(POM)] (M+ = Li+, Na+, K+) Ion Pairs in Polyoxometalate Chemistry for Nanocomposite Design, Yamase, T.; Pope, M. T., Eds., New York: Kluwer Academic/Plenum Publishers. 2002;103-127.

UCDAVIS HEALTH

Terry L. Coates, M.D.

Clinical Interests	Dr. Coates has clinical interests in women's imaging, including obstetrical and breast imaging. Her primary focus is currently Breast Imaging, including tomosynthesis, mammography, ultrasound, breast MRI and the interventional procedures associated with these. She also has extensive experience in abdominal imaging, obstetrical ultrasound and musculoskeletal ultrasound. Dr. Coates has researched diagnostic techniques for evaluating flexor tendon injuries and the use of abdominal ultrasound in acute trauma patients. Other research projects include chromosomal studies of fetal cysts, ultrasound of the breast and postmenopaulsal pelvis, and new contrast agents designed for imaging the gastrointestinal tract, lymphatic system and malignant breast tumors.
Title	Professor
Specialty	Cancer, Radiology, Radiology - Breast Imaging
Department	Radiology
Division	Breast Imaging
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of Saskatchewan, Saskatoon, Saskatchewan, Canada 1982 B.S., University of Saskatchewan, Saskatoon, Canada 1977
Internships	Transitional Internship, St. Thomas Hospital Medical Center, Akron OH 1982-1983
Residency	Diagnostic Radiology, Aultman Hospital Medical Center, Canton OH 1983-1986
Fellowships	Body Sectional Imaging (Ultrashound), Aultman Hospital Medical Center, Canton OH 1986-1987 Body Sectional Imaging, Loma Linda University Medical Center, Loma Linda CA 1987-1988
Board Certifications	American Board of Radiology, Diagnostic Radiology, 1987
Professional Memberships	Accreditation Program Committee Reviewer

UCDAVIS HEALTH

Terry L. Coates, M.D.

American College of Radiology
American Roentgen Ray Society
California Radiologic Society
Society of Breast Imaging
UC Davis Medical Center Breast Health Care Conference and Committee
UC Davis Medical Center Breast Imaging - Rad Path Conference Committee
UC Davis Medical Center Prenatal Diagnosis and Treatment Conference Committee

Select Recent Publications

Coates TL, McGahan JP. Fetal Face, Diagnostic Ultrasound, 2nd Edition, Informa Healthcare USA, Inc., New York, 2008;pp. 1175-1210.

Coates TL, McGahan JP. The Fetal Face. In: Goldberg BB, McGahan JP. (Ed.), Diagnostic Ultrasound: A Logical Approach. Lippincott-Raven Publishers. 1998;Chapter 11, p.271-307.

Jones CD, Eller D, Coates TL. Mucinous cystadenoma of the appendix causing intussusception in an adult. American Journal of Gastroenterology. 1997;92:(5):898-899.

McGahan JP, Rose J, Coates TL, Wisner DH, Newberry P. Use of ultrasonography in the patient with acute abdominal trauma. Journal of Ultrasound in Medicine. 1997;16:653-662.

Rubin D, Falk K, Sperling M, Ross M, Saini S, Rothman B, Shellock F, Zerhouni E, Stark D, Outwater E, Schmiedl U, Kirby L, Chezmar J, Coates TL, Change M, Siverman J, Roskey N, Burnett K, Engel J, Young S. A multicenter clinical trial of Gadolite oral suspension as a contrast agent for magnetic resonance imaging. Journal of Magnetic Imaging Resonance. 1997;7:865-872.

Coates TL, McGahan JP. Fetal cardiac rhabdomyomas presenting as diffuse myocardial thickening. Journal of Ultrasound in Medicine. 1994;13:813-816.

UCDAVIS HEALTH

Michael Corwin, M.D.

Clinical Interests	Dr. Corwin's clinical interests include abdominal imaging and procedures with a focus on MRI of the abdomen.
Research/Academic Interests	Dr. Corwin's research interests include abdominal CT and MRI, specifically hepatobiliary MRI with novel contrast agents.
Title	Assistant Professor of Radiology
Specialty	Radiology, Radiology - Abdominal Imaging, Radiology - Body MRI
Department	Radiology
Division	Abdominal Imaging Body MRI
Education	M.D., Duke University School of Medicine, Durham NC 2004 B.A., University of Rochester, Rochester NY 2000
Internships	Virginia Mason Medical Center, Seattle WA 2004-2005
Residency	Diagnostic Radiology, Brown University/Rhode Island Hospital, Providence RI 2005-2009
Fellowships	Abdominal Imaging, Beth Israel Deaconess Medical Center, Boston MA 2009-2010
Board Certifications	American Board of Radiology, 2009
Professional Memberships	ACR ARRS RSNA
Select Recent Publications	Corwin MT, Fananapazir G, Chaudhari, AJ. MR Angiography of Renal Transplant Vasculature with Ferumoxytol: Comparison of High Resolution Steady State and First Pass Acquisitions. Academic Radiology. 2016;23(3):368-73. Corwin MT, Fananapazir G, Jin M, Lamba R, Bashir MR. Differences in Liver Imaging and Reporting Data System Categorization between MRI and CT. AJR Am J Roentgenol. 2016; 206:307-12.

UCDAVIS HEALTH

Michael Corwin, M.D.

Corwin MT, Seibert JA, Fananapazir G, Lamba R, Boone JM. Quantification of Fetal Dose Reduction if Abdominal CT is Limited to the Top of the Iliac Crests in Pregnant Patients with Trauma. AJR Am J Roentgenol. 2016 Jan 21:1-7.

Corwin MT, Chang M, Fananapazir G, Seibert A, Lamba R. Accuracy and radiation dose reduction of a limited abdominopelvic CT in the diagnosis of acute appendicitis. Abdom Imaging. 2015; 40: 1177-82.

Corwin MT, Sheen L, Kuramoto A, Lamba R, Parthasarathy S, Holmes J. Utilization of a Clinical Prediction Rule for Abdominal-Pelvic CT scans in Patients with Blunt Abdominal Trauma. Emerg Radiol. 2014; 21:571-576.

Corwin MT, Bekele W, Lamba R. Bony Landmarks on CT Localizer Radiographs to Prescribe a Reduced Scan Range in Patients Undergoing MDCT for Suspected Urolithiasis. J Comput Assist Tomogr. 2014; 38:404-407.

Corwin MT, Gerscovich EO, Lamba R, Wilson M, McGahan JP. Differentiation of Ovarian Endometriomas from Hemorrhagic Cysts on MR Imaging: Utility of the T2 Dark Spot Sign. Radiology. 2014;271:126-32.

Corwin MT, Hsu M, McGahan JP, Wilson M, Lamba R. Unenhanced MDCT in Suspected Urolithiasis: Improved Stone Detection and Density Measurements Using Coronal Maximum Intensity Projection Images. AJR Am J Roentgenol. 2013; 201:1036-1040.

Corwin MT, Lamba R, Wilson M, McGahan JP. Renal Cell Carcinoma Metastases to the Pancreas: Value of Arterial Phase Imaging at MDCT. Acta Radiologica 2013; 54:349-354.

Corwin MT, Lamba R, McGahan JP. Functional MR Cholangiography of the cystic duct and sphincter of Oddi using Gadoxetate disodium: Is a 30 minute delay long enough? J Magn Reson

UCDAVIS HEALTH

Michael Corwin, M.D.

Imaging, 2013; 37:993-998.

UCDAVIS HEALTH

Brian Dahlin, M.D.

Clinical Interests	Dr. Dahlin is clinically active in both diagnostic and interventional neuroradiology. His specific interests include the diagnosis and treatment of vascular, congenital, and neoplastic diseases of the head and neck. He specializes in endovascular and image-guided diagnostic and therapeutic procedures including acute stroke intervention, intracranial aneurysm and AVM embolization, pre-operative embolization of vascular tumors, and sclerotherapy of vascular and lymphatic malformations of the head and neck.
Title	Assistant Professor of Clinical Radiology
Specialty	Neuroradiology, Radiology - Neuroradiology
Department	Radiology
Division	Neuroradiology
Center/Program Affiliation	Vascular Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Spanish
Education	M.D., St. Louis University School of Medicine, St. Louis, Missouri, 2003 B.A., UC Berkeley, Berkeley, California, 1998
Internships	Arrowhead Regional Medical Center, Colton , CA, 2003-04
Residency	University of California Davis Medical Center, Sacramento, CA, 2004-08
Fellowships	University of California Davis Medical Center, Sacramento , CA, 2008-09 University of California Davis Medical Center, Sacramento , CA, 2009-11
Board Certifications	American Board of Radiology, Diagnostic Radiology, 2008 American Board of Radiology, Neuroradiology, 2010
Professional Memberships	American Society of Neuroradiology

UCDAVIS HEALTH

Brian Dahlin, M.D.

Select Recent Publications

Wong VS, Adamczyk P, Dahlin B, Richman DP, Wheelock V. Cerebral venous sinus thrombosis presenting with auditory hallucinations and illusions. Cogn Behav Neurol. 2011 Mar;24(1):40-2.

Dublin AB, Latchaw RE, Herrera DA, Dahlin BC. Delayed complication after embolotherapy of a vertebral arteriovenous fistula: spinal cord ischemia. J Vasc Interv Radiol. 2010 Mar;21(3):392-3.

UCDAVIS HEALTH

Paul Dong, M.D.

Clinical Interests	Dr. Dong specializes in cardiovascular interventional radiology. His clinical interests include hepatobiliary, endovascular, and renal interventions with a primary focus on peripheral vascular studies and interventions.
Title	Professor of Clinical Radiology
Specialty	Radiology - Interventional Radiology
Department	Radiology
Division	Interventional Radiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817 **Phone:** 800-2-UCDAVIS (800-282-3284)
Education	M.D., Rush University Medical Center, Chicago IL 1990 B.Sc.|M.Sc., UC Berkeley, Berkeley CA 1981 B.Sc., UC Davis, Davis CA 1978
Internships	Santa Clara Valley Medical Center, Stanford Affiliates, San Jose CA 1991
Residency	UCLA Medical Center, Los Angeles CA 1995
Fellowships	University of California, Davis, Sacramento CA 1996
Board Certifications	American Board of Radiology, Diagnostic Radiology, 1995 American Board of Radiology, Vascular and Interventional Radiology, 1997 National Board of Medical Examiners, Diplomate
Professional Memberships	Alpha Omega Alpha Medical Honors Society American Roentgen Ray Society Society of Cardiovascular & Interventional Radiology
Honors and Awards	Ranked as #1 Teacher by UC Davis Radiology Residents, 2008

UCDAVIS HEALTH

Paul Dong, M.D.

UCDAVIS HEALTH

Raymond S. Dougherty, M.D.

Philosophy of Care
Diagnostic imaging has become the stethoscope of medicine. Diagnostic radiologists must actively engage in the clinical care of their patients and support a multidisciplinary approach to health care.

Title
Chair, Department of Radiology
Clinical Professor

Specialty
Diagnostic Radiology, Radiology, Radiology - Abdominal Imaging

Department
Radiology

Division
Abdominal Imaging

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

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

Education
M.D., Pennsylvania State University College of Medicine, Hershey, Pennsylvania, 1984
B.S., Ursinus College, Collegeville, Pennsylvania, 1980

Internships
USAF Regional Hospital, Carswell, Carswell AFB, Texas, 1985

Residency
David Grant USAF Medical Center, Travis AFB, California, 1994
USAF Regional Hospital, Carswell, Carswell AFB, Texas, 1987

Fellowships
UC Davis Medical Center/David Grant USAF Medical Center, Sacramento/Travis AFB, California, 1995

Board Certifications
American Board of Family Medicine, 1987
American Board of Radiology, 1994

Professional Memberships
American College of Radiology
American Institute of Ultrasound in Medicine
American Roentgen Ray Society
Association of University Radiologists

UCDAVIS HEALTH

Raymond S. Dougherty, M.D.

Radiological Society of North America

Society of Chairs of Academic Radiology Departments

Honors and Awards

The Air Force Meritorious Service Medal, 2005

Select Recent Publications

Dougherty RS. Chapter 40: Vascular Ultrasound. In: Brant and Helms, *Fundamentals of Diagnostic Radiology*, 3rd Edition, 2006.

UCDAVIS HEALTH

Arthur B. Dublin, M.B.A., M.D., FACR

Clinical Interests	Dr. Dublin has clinical and research interests in interventional neuroradiology, skull-base anatomy and pathology, spine anatomy and pathology.
Title	Assistant Chair for Business and Outreach Clinical Professor Medical Director-UC Davis Imaging Center, Rocklin CA
Specialty	Cancer, Radiology, Radiology - Neuroradiology
Department	Radiology
Division	Neuroradiology
Center/Program Affiliation	Center for Skull Base Surgery UC Davis Comprehensive Cancer Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC San Francisco School of Medicine, San Francisco CA 1968 M.B.A., Business Administration, California State University-Sacramento, Sacramento CA 1998 B.A., UCLA, Los Angeles CA 1964
Internships	Rotating Internship, US Naval Medical Center, Oakland CA 1968-1969
Residency	Diagnostic Radiology, UC Davis Medical Center, Sacramento CA 1972-1975
Fellowships	Neuroradiology, UC Davis Medical Center, Sacramento CA 1977-1978 Research, UC San Francisco, San Francisco CA 1978-1979
Board Certifications	American Board of Radiology, Diagnostic Radiology, 1975 American Board of Radiology, Neuroradiology, 2006
Professional Memberships	American College of Radiology, Fellow American Society of Neuroradiology European Society of Radiology North American Skull Base Society

UCDAVIS HEALTH

Arthur B. Dublin, M.B.A., M.D., FACR

Radiological Society of North America
Royal Society of Medicine, Fellow
San Francisco Neurological Society
Western Neuroradiological Society

Honors and Awards

Distinguished Committee Service Award, American College of Radiology Panel of Neuroradiology, 2008
Best Doctors in America, 2008
Excellence in Professionalism, Department of Radiology, 2008
Teaching Award, Department of Otololaryngology, 2008
Fellowship, American College of Radiology, 2001
Teaching award, Department of Radiology, UC Davis Medical Center, 1984

Select Recent Publications

Herrera DA, Vargas SA, Dublin AB. Endovascular treatment of penetrating traumatic injuries of the extracranial carotid artery. JVIR 22:28-33.

Chen AM, Hall WH, Bao-Qing Li, Guiou M, Wright C, Mathai M, Dublin A, Purdy JA. Intensity-modulated radiotherapy increases dose to the brachial plexus compared to conventional radiotherapy for head and neck cancer. Brit Journal of Radiol 84:58-63.

Dublin AB, Latchaw RE, Herrera DA, Dahlin BC. A delayed complication following embolotherapy of a vertebral arteriovenous fistula: spinal cord ischemia. J Vasc Interv Radiol 21:392-393.

Herrera DA, Dublin AB, Ormsby EL, Aminpour S, Howell LP. Imaging findings of rhinocerebral mucromycosis. Skull Base. An Interdisciplinary Approach 19:117-126. 2009

Herrera DA, Vargas SA, Dublin AB, Latchaw RE. Traumatic carotid cavernous fistula with pontomesencephalic and cervical cord venous drainage presenting as tetraparesis. J Neuroimaging, Epub, June 2009 ahead of publication.

Meier JD, Dublin AB, Strong EB. Leptomeningeal cyst of the orbital roof in an adult: case report and literature review. Skull Base. An Interdisciplinary Approach 19:231-235. 2009

Ormsby EL, Dublin AB. Value of the vertebrogram in predicting cement filling patterns with unipedicular percutaneous vertebroplasty. Acta Radiologica 49:344-350. 2008

Herrera DA, Vargas SA, Dublin AB, Latchaw RE. Endovascular treatment of traumatic injuries of the vertebral artery. AJNR Amer J Neuroradiol 29:1585-1589. 2008

Hall WH, Guiou M, Lee NY, Dublin AB, Narayan S, et al. Development and validation of a standardized method for contouring the brachial plexus: preliminary dosimetric analysis among patients treated with IMRT for head-and-neck cancer. Int J Radiation Oncology Biol Phys 72:1362-7. 2008

UCDAVIS HEALTH

Arthur B. Dublin, M.B.A., M.D., FACR

Gee JR, Chang J, Dublin AB, Vijayan N. The association of brainstem lesions with migraine-like headache: an imaging study of multiple sclerosis. Headache 45(6):670-7.
Dublin AB, Hartman J, Latchaw RE, Hald JK, Reid MH. The Vertebral Body Fracture in Osteoporosis: Restoration of Height Using Percutaneous Vertebroplasty AJNR Am J Neuroradiol 26 (3):489-92.

UCDAVIS HEALTH

Eva M. Escobedo, M.D.

Eva M. Escobedo welcomes LGBT patients.

Clinical Interests Dr. Escobedo's clinical interests center on musculoskeletal MRI, sports medicine imaging and the imaging of arthritis. Her research is focused on the uses of MR imaging in evaluating musculoskeletal disease and injury.

Title Professor of Radiology

Specialty Radiology, Radiology - Musculoskeletal Radiology

Department Radiology

Division Musculoskeletal Radiology

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
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Additional Phone Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education M.D., Stanford University School of Medicine, Palo Alto CA 1985
B.A., UC Berkeley, Berkeley CA 1980

Internships Kaiser Permanente Medical Center, San Francisco CA 1986

Residency Santa Clara Valley Medical Center, San Jose CA 1991

Fellowships Stanford University Medical Center, Stanford CA 1992
University of Washington, Seattle WA 1992

Board Certifications American Board of Radiology, 1991
National Board of Medical Examiners, 1986

Professional Memberships American Roentgen Ray Society
Association of University Radiologists
Founding member, Society of Academic Bone Radiologists (SABR)

UCDAVIS HEALTH

Eva M. Escobedo, M.D.

Radiological Society of North America
Society of Skeletal Radiology

Honors and Awards

Faculty Teacher of the Year, University of California, Davis- Department of Radiology, 2006
Faculty Teacher of the Year, University of Washington, Department of Radiology, 1996
Magna Cum Laude, University of California Berkeley, 1980
Phi Betta Kappa, 1980

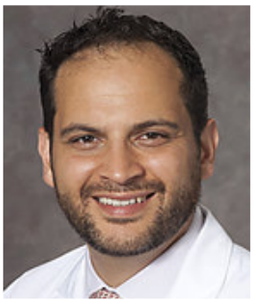
Select Recent Publications

Junck AD, Escobedo EM, Lipa BM, Cronan M, Anthonisen C, Poltavskiy E, Bang H, Han JJ. Reliability Assessment of Various Sonographic Techniques for Evaluating Carpal Tunnel Syndrome. J Ultrasound Med. 2015 Nov;34(11):2077-88.

Rabbani, GR, Cooper, SM, Escobedo, EM. An isolated coracoid fracture. Current Problems in Diagnostic Radiology. 2012;41(4): 120-1.

Bekele, W, Escobedo, E, Allen, R. Avascular necrosis of the capitate. J of Radiology Case Reports. 2011;5(6): 31-6.

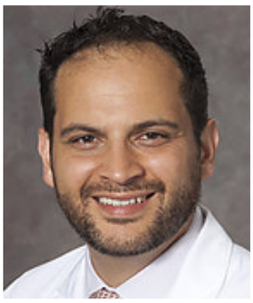
UCDAVIS HEALTH



Ghaneh Fananapazir, M.D.

Clinical Interests	Dr. Fananapazir's clinical interests include computed tomography (CT) and magnetic resonance imaging (MRI) and ultrasound of diseases in the abdomen and pelvis. He also has an interest in image-guided non-vascular interventional procedures in the chest, abdomen and pelvis.
Research/Academic Interests	Research interests include dual energy CT scanning, novel MRI contrast agents, and prostate MRI.
Title	Assistant Professor
Specialty	Radiology - Abdominal Imaging
Department	Radiology
Division	Abdominal Imaging
Education	M.D., University of Maryland School of Medicine, Baltimore, MD, 2007 B.S., Vanderbilt University, Nashville, TN, 2000
Internships	Transitional Program, Georgetown University Hospital, Washington, DC, 2008
Residency	Radiology, Georgetown University Hospital, Washington, DC, 2012
Fellowships	Radiology, Duke University Medical Center, Duram, NC, 2013
Board Certifications	American Board of Radiology
Professional Memberships	American College of Radiology International Society for Magnetic Resonance in Medicine
Honors and Awards	ISMRM Magna Cum Laude Merit Award, 2013 Chief Resident, 2011 String of Pearls Winner for Humanism and Dedication to Teaching, 2010 Alpha Omega Alpha, 2006 Humanism in Medicine Award, 2006 Images of Women Essay First Place Award, 2000 College Scholars Honors Program, 2000
Select Recent Publications	Singer AD, Fananapazir G, Maufa F, Narra S, Ascher S. Pulmonary embolism following 2-octyl-cyanoacrylate/lipiodol injection for obliteration of gastric varices: an imaging perspective. *J of*

UCDAVIS HEALTH



Ghaneh Fananapazir, M.D.

Radiology Case Reports. 2012 Feb; 6(2):17-2 2012
Fananapazir G, Allison, SJ. Common applications of musculoskeletal ultrasound in the emergency department. *Clinics of North America*. April 2011 (Vol 6, Issue 2, pp 215-226) 2011

UCDAVIS HEALTH

Cameron Carl Foster, M.D.

Title	Associate Professor Clinical Director of Nuclear Medicine Nuclear Medicine Residency Program Director
Specialty	Radiology, Radiology - Nuclear Medicine
Department	Radiology
Division	Nuclear Medicine
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	French
Education	M.D., UC Davis School of Medicine, Sacramento CA 2003 B.S., UC Davis, Davis CA 1999
Internships	Surgery, UC Davis Medical Center, Sacramento CA 2003-2004
Residency	Nuclear Medicine, UC Davis Medical Center, Sacramento CA 2004-2005 Chief Resident, Nuclear Medicine, UC Davis Medical Center, Sacramento CA 2005-2006
Board Certifications	American Board of Nuclear Medicine, 2014
Professional Memberships	American Medical Association Radiological Society of North America Society of Nuclear Medicine
Honors and Awards	Excellence in Professionalism - UC Davis Health System, Department of Radiology, 2005

UCDAVIS HEALTH

Eugenio O. Gerscovich, M.D.

Eugenio O. Gerscovich welcomes LGBT patients.

Philosophy of Care To care for the patient in the same way I would like to be treated, myself.

Clinical Interests Dr. Gerscovich's clinical and research interests focus on ultrasound, CT and MRI imaging.

Title Professor

Specialty Radiology, Radiology - Abdominal Imaging, Radiology - Body MRI

Department Radiology

Division Abdominal Imaging
Body MRI

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

Languages Spanish

Education M.D., University of Buenos Aires Medical School, Buenos Aires, Argentina, 1967

Internships Monmouth Medical Center, Long Branch NJ 1972-1973

Residency Monmouth Medical Center, Long Branch NJ 1973-1976
University of Buenos Aires Hospitals, Buenos Aires, Aregentina 1968-1972

Fellowships UC Davis Medical Center, Sacramento CA 1976-1977
Wadsworth VA Hospital, Los Angeles CA 1977-1978

Board Certifications American Board of Nuclear Medicine, 1978
American Board of Radiology, 1976

Professional Memberships American College of Radiology
American Institute of Ultrasound in Medicine
Northern California Radiological Society
Radiological Society of North America

UCDAVIS HEALTH

Eugenio O. Gerscovich, M.D.

Honors and Awards

Fellow of the American Institute of Ultrasound in Medicine, 2001
Senior Member of the American Institute of Ultrasound in Medicine, 1999

Select Recent Publications

Sidhar K, McGahan JP, Early HM, Corwin M, Fananapazir G, Gerscovich EO. Renal Cell Carcinomas: Sonographic Appearance Depending on Size and Histologic Type. J Ultrasound Med. 2016 Feb;35(2):311-20.

Gerscovich EO, Fananapazir G, McGahan JP, Hirschbein JS, Naderi S, Corwin MT, Durham BH. Sonographic appearance of a dermoid cyst (mature cystic teratoma) of the spleen. J Clin Ultrasound. 2015 Feb;43(2):132-4.

Corwin MT, Gerscovich EO, Lamba R, Wilson M, McGahan JP. Differentiation of ovarian endometriomas from hemorrhagic cysts at MR imaging: utility of the T2 dark spot sign. Radiology. 2014 Apr;271(1):126-32.

Gerscovich EO, Corwin MT, Sekhon S, Runner GJ, Gandour-Edwards RF. Sonographic appearance of adnexal torsion, correlation with other imaging modalities, and clinical history. Ultrasound Q. 2014 Mar;30(1):49-55.

Doherty MH, Gerscovich EO, Corwin MT, Wilkendorf SR. Methamphetamine use can mimic testicular torsion. J Clin Ultrasound. 2013 Sep;41(7):461-3.

Gerscovich EO, Sekhon S, Visis T, Di Loreto C. Fetal conversion of a 3-vessel to 2-vessel umbilical cord: sonographic depiction. J Ultrasound Med. 2013 Jul;32(7):1303-5.

Yen P, Khong K, Lamba R, Corwin MT, Gerscovich EO. Ovarian fibromas and fibrothecomas: sonographic correlation with computed tomography and magnetic resonance imaging: a 5-year single-institution experience. J Ultrasound Med. 2013 Jan;32(1):13-8.

UCDAVIS HEALTH

Eugenio O. Gerscovich, M.D.

Wright LA, Gerscovich EO, Corwin MT, Lynch L, Lamba R. Tension hydrocele: additional cause of ischemia of the testis. J Ultrasound Med. 2012 Dec;31(12):2041-3.

Gerscovich EO, Jacoby B, Field NT, Sanchez T, Wootton-Gorges SL, Saroufeem R. Fetal true pancreatic cysts. J Ultrasound Med. 2012 May;31(5):811-3.

Bekele W, Gerscovich EO, Naderi S, Bishop J, Gandour-Edwards RF, McGahan JP. Sonography of an epidermoid inclusion cyst of the thyroid gland. J Ultrasound Med. 2012 Jan;31(1):128-9.

UCDAVIS HEALTH

Adam Greenspan, M.D., F.A.C.R.

Adam Greenspan welcomes LGBT patients.

Clinical Interests

A leading expert in diagnostic orthopaedic imaging, Dr. Greenspan devotes his clinical attention to musculoskeletal tumors using radiography, CT, and MRI for diagnosis, pathology, and treatment.
He has published over 150 papers in peer-reviewed medical journals, and has written or edited a dozen textbooks.
He has been a visiting professor at institutions around the world, including Switzerland, Austria, England, Poland, Hungary, Italy, Canada, and Brasil.
His research focuses on orthopaedic imaging modalities, diagnosis of musculoskeletal tumors, and skeletal dysplasias.

Title

Professor Emeritus

Specialty

Radiology-Musculoskeletal Imaging

Department

Radiology

Division

Musculoskeletal Radiology

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Languages

German, Polish, Russian

Education

M.D., Medical Academy of Wroclaw, Wroclaw, Poland, 1965

Internships

Queens General Hospital, Jamaica NY 1969-1970
State General Hospital of Wroclaw, Wroclaw, Poland, 1957-1958

Residency

Radiology, Jewish Hospital and Medical Center of Brooklyn, Brooklyn, New York, 1970-1973
Rehabilitation Medicine, Sanatorium and Orthopaedic Hospital, Wroclaw, 1960-1965
Orthopaedic Surgery, Sanatorium and Orthopaedic Hospital, Wroclaw, 1963-1967

Fellowships

American College of Radiology, San Antonio, Texas, 1996

UCDAVIS HEALTH

Adam Greenspan, M.D., F.A.C.R.

Board Certifications

American Board of Radiology, 1975
Specialty Board in Orthopaedic Surgery, Poland, 1967
Specialty Board in Rehabilitation Medicine, Poland, 1965

Professional Memberships

American Roentgen Ray Society
Association of University Radiologists
International Skeletal Society
New York Academy of Medicine
New York Academy of Science
Radiological Society of North America
Society of Skeletal Radiology

Honors and Awards

Honorary Memebership of Polish Medical Society of Radiology, Poland, 2009
Medal "Academia Medica Wratislaviensis Polonia" awarded by the Senate of the Medical Academy of Wroclaw, Poland, 2008
Award for Excellence in Professionalism- UC Davis Department of Radiology, 2003
Award of the Corrine Farell Prize Committee of the International Skeletal Society for the best article on bone tumors published in Skeletal Radiology, 1995
Award for Excellence in Teaching, presented by Diagnostic Radiology Residents, UC Davis, 1990
Elected Fellow of the New York Academy of Medicine, 1978

Select Recent Publications

Greenspan A: Orthopedic Imaging- A Practical approach. Woters Kluwer Health/Lippincott. Williams Wilkins, Philadelphia 2011. Fifth Ed. (7 Parts, 33 Chapters, 1024 pgs, 4077 Illustrations).

Czyrny, Z., and Greenspan. A.: Choroba Osgood-Schlattera: nowe spojrzenie i nowa klasyfikacja w oparciu o diagnostyke ultrasonograficzna (Osgood-Schlatter disease: a new perspective and classification based on ultrasonography). Ultrasonografia 2009; 38:55-70.

Greenspan, A.: Orthopedic Imaging - A Practical Approach. Korean edition. Gabon World Publishers, Inc., Korea, 2008.

Greenspan, A., Jundt, G., Remagen, W.: Diagnostyka Roznicowa w Onkologii Ortopedycznej.

UCDAVIS HEALTH

Adam Greenspan, M.D., F.A.C.R.

Polish edition. Medipage, Warsaw, Poland, 2008.

Greenspan. A., Jundt, G., and Remagen, W.: Diagnosi Differenziale in Oncologia Ortopedica. Seconda edizione. CIC Edizioni Internazionali, Roma, Italy, 2008.

Mansour, M., Cheema, G., Naguwa, S., Greenspan. A., and Gershwin, M.E.: Ankylosing spondylitis: a contemporary perspective on diagnosis and treatment. Seminars in Arthritis and Rheumatism 2007; 36:210-223.

Greenspan, A.: Diagnostyka Obrazowa w Ortopedii Dla Lekarza Praktyka. MediPage, Warsaw, Poland (in Polish), 2007.

Greenspan, A.: Imaging in Ortopedia. Un Approccio Pratico. CIC Edizioni Internazionali, Roma, Italia, 2007.

Greenspan, A.: Skelettradiologie. Orthopadie, Traumatologie, Rheumarologie, Onkologie. Urban %26amp%3B Fischer, Elsevier, Munchen, Germany, 2007.

Greenspan A., Borys D.: Outline of Bone Tumors Imaging and Pathology: A Quick Reference and Review. Wolters Kluwer Health/Lippincott, Williams %26amp%3B Wilkins, Philadelphia 2015.

Greenspan A, Beltran J, Orthopedic Imaging- A Practical Approach. Wolters Kluwer Health/Lippincott, Williams %26amp%3B Wilkins, Philadelphia 2015. Sixth Ed.

UCDAVIS HEALTH

Kriti Gwal, M.D.

Kriti Gwal welcomes LGBT patients.

Philosophy of Care I am dedicated to providing exemplary care for children and their parents, having fellowship training in both Pediatric Radiology and Pediatric Neuroradiology.

Title Assistant Professor

Specialty Pediatric Radiology, Pediatric Neuroradiology

Department Radiology

Division Pediatric Radiology

Center/Program Affiliation UC Davis Children's Hospital

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Education M.D., Rutgers - New Jersey Medical School, Newark NJ 2007
B.A., University of Pennsylvania, Philadelphia PA 2002

Internships Medicine, Christiana Care Health System, Newark NJ 2007-2008

Residency Diagnostic Radiology, Pennsylvania Hospital, Philadelphia PA 2008-2012

Fellowships Pediatric Radiology, Children's Hospital of Philadelphia, Philadelphia PA 2012-2013
Pediatric Neuroradiology, Children's Hospital of Philadelphia, Philadelphia PA 2015-2016

Board Certifications American Board of Radiology
American Board of Radiology, Pediatric Radiology

Professional Memberships American Medical Association
American Medical Women's Association
Society for Pediatric Radiology

Select Recent Publications Gwal, K, Bedoya, M, Patel, N, Rambhatla, S, Darge, K, Sreedharan, R, Anupindi, S. Reference values of MRI measurements of the common bile duct and pancreatic duct in children. Pediatric

UCDAVIS HEALTH

Kriti Gwal, M.D.

Radiology. 2015 Aug;45 (8): 1153-1159.

Li, M, Arndt, K, Das, S, Gwal, K, Shekdar, K, Zackai, E. Compound heterozygote CDK5RAP2 mutations in a Guatemalan/Honduran child with autosomal recessive primary microcephaly, failure to thrive and speech delay. Am J of Medical Genetics, Part A. 2015 Jun;167 (6):1414-1417.

Delgado, J, Jaimes, C, Gwal, K, Jaramillo, D, Ho-Fung, V. Sternal development in the pediatric population: evaluation using computed tomography. Pediatric Radiology. 2014 Apr;44 (4): 425-433.

Liu, B, Gwal, K, Servaes, S, Zhuang, H. Acute lymphocytic leukemia presented as back pain and revealed by bone scintigraphy. Clinical Nuclear Medicine. 2013 Aug 38 (8): 649-51.

UCDAVIS HEALTH

Rosalie Jane Hagge, M.D.

Clinical Interests	Dr. Hagge has clinical interests in general diagnostic and emergency radiology, diagnostic and therapeutic nuclear medicine, positron emission tomography (PET), radio guided surgery, translational medical imaging, nuclear oncology and nuclear cardiology. Her research focuses on digital medical imaging and performance evaluation of diagnostic systems. She is the Instructor of Record for the Senior Medical Student Clinical Clerkship in Diagnostic Radiology.
Title	Associate Clinical Professor
Specialty	Cancer, Radiology, Radiology - Nuclear Medicine
Department	Radiology
Division	Nuclear Medicine
Center/Program Affiliation	Cardiovascular Services UC Davis Comprehensive Cancer Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., Washington University School of Medicine, St. Louis, Missouri, 1988 B.S., Washington University, St. Louis, Missouri, 1983 M.S., Washington University, St. Louis, Missouri, 1984
Internships	St. John's Mercy Medical Center, St. Louis, Missouri, 1989
Residency	Duke University Medical Center, Durham, North Carolina, 1998 Mallinckrodt Institute of Radiology/Nuclear Medicine, St. Louis, Missouri, 1993
Board Certifications	American Board of Nuclear Medicine, 1996 American Board of Nuclear Medicine, 2006 American Board of Radiology, 1998
Professional Memberships	American Roentgen Ray Society Radiological Society of North America Society of Nuclear Medicine

UCDAVIS HEALTH

Rosalie Jane Hagge, M.D.

Honors and Awards

Susan G. Komen Foundation Grant for Breast Cancer Research, 2001
Duke University Resident Teaching Award, 1998
RSNA Roenten Fellow/Resident Research Award, 1997
G.E. Medical Systems "Excellence in Clinical PET" Award, 1996

Select Recent Publications

Bowen SL, Wu Y, Chaudhari AJ, Fu L, Packard NJ, Burkett GW, Yang K, Lindfors KK, Shelton DK, Hagge RJ, Borowsky AD, Martinez SR, Qi J, Boone JM, Cherry SR, Badawi RD. Initial Characterization of a Dedicated Breast PET/CT Scanner During Human Imaging. 50(9): 1401-1408, 2009.

Clark RP, Wong G, Johnson LM, Hagge RJ, Ciminello F, Lee J, Stone K, Clark IA. Nasal Dorsal Augmentation with Freeze-Dried Allograft Bone. Plastic and Reconstructive Surgery 124(4):1312-1325, 2009.

Hagge RJ, Coleman RE. Positron Emission Tomography: Lung cancer. Semin Roentgenol 37(2): 110-117, 2002.

Ravizzini GC, Hanson MW, Shaw LK, Wong TZ, Hagge RJ, Pagnanelli RA, Jain D, Lima HS, Coleman RE, Borges-Neto S. Efficiency comparison between 99m Tc-tetrofosmin and 99m Tc-sestamibi myocardial perfusion studies. Nucl Med Commun, 23(3): 203-8, 2002.

Rohren EM, Hagge RJ, Wong TZ, Killius J, Clavien PA, Nelson RC, Paulson EK. The role of [18]F-FDG PET in preoperative assessment of the liver in patients being considered for curative resection of hepatic metastases from colorectal cancer. 2002

Hagge RJ, Wong TZ, Coleman RE. Positron emission tomography: Brain tumors and Lung Cancer. Radiol Clin North Am 5:871-880, 2001.

Hagge RJ, Al-Sugair A, Coleman RE. Non-small cell lung cancer, in Bender H, Palmedo H, Brersaik HJ, Valk PE, eds: An Atlas of Clinical PET in Oncology, Springer, Berlin, pp 153-170, 2000.

Hagge RJ. Hypertrophic osteoarthropathy, in Provenzale JM, Nelson RC. Duke Radiology Case Review: Imaging, Differential Diagnosis, and Discussion. Lippincott-Raven, New York, 1998.

Zimmerman JB, Hagge RJ, Hartzell KM, A determination of the relative visibility thresholds for basis functions of the Frazier-Jawerth transform. SPIE Medical Imaging IV: Image Capture and Display 1232:277-292, 1990.

Miller TR, Hagge RJ, Sampathkumaran KS. Interactive digital filtering of gated cardiac studies during cine display. IEEE Transactions on Medical Imaging 7(3):188-192, 1988.

UCDAVIS HEALTH

Jonathan Hargreaves, MD

Clinical Interests	Resident education, interdiscriplinary oncology
Title	Assistant Professor of Clinical Radiology
Specialty	Radiology, Radiology - Breast Imaging
Department	Radiology
Division	Breast Imaging
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Phone: 916-734-0658
Education	MD, George Washington University School of Medicine and Health Sciences, Washington DC, 2006
Internships	Internship, Harvard Medical School, Beth Israel Deaconess Medical Center, Internal Medicine, 2007
Residency	Residency, Harvard Medical School/Brigham and Women's Hospital, Radiology, 2011
Fellowships	Fellowship, Harvard Medical School/Brigham and Women's Hospital, Radiology, 2012
Board Certifications	American Board of Radiology
Professional Memberships	American College of Radiology
Select Recent Publications	Brem R.F., Lechner M.C., Jackman R.J., Rapelyea J.A., Evans W.P., Philpotts L.E., Hargreaves J., Wasden S. Lobular neoplasia at percutaneous breast biopsy: variables associated with carcinoma at surgical excision. American Journal of Roentgenology. 190 (3), 637-41 (2008).

UCDAVIS HEALTH

John C. Hunter, M.D.

Clinical Interests	Dr. Hunter's clinical interests lie in the advanced imaging of musculoskeletal disease using techniques that include magnetic resonance imaging (MRI), computed tomography (CT) and ultrasound to make the diagnosis. Interventional procedures for diagnosis and pain management using conventional and advanced techniques are another area of interest. He has been a pioneer in the field of Internet-based teaching and continuing medical education. He co-chairs a highly regarded weekly international teleconference of Musculoskeletal radiologists who share interesting and problem cases. Magnetic resonance imaging of sports injuries is also an area of ongoing research. His strong interest in the imaging of arthritis has led him to involvement in projects on the use of PET/CT and MRI in rheumatoid arthritis and the dual energy CT evaluation of gout.
Title	Professor of Radiology Radiology Musculoskeletal Division Chief
Specialty	Radiology, Radiology - Musculoskeletal Radiology
Department	Radiology
Division	Musculoskeletal Radiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of Illinois College of Medicine, Chicago IL 1970 B.S., Belloit College, Belloit WI 1966
Internships	Valley Medical Center, Fresno CA 1970-1971
Residency	General Surgery, St. Mary's Hospital and Medical Center, San Francisco CA 1971-1972 Diagnostic Radiology, St. Mary's Hospital and Medical Center, San Francisco CA 1974-1977
Fellowships	Skeletal Radiology, UC San Francisco, San Francisco CA 1977-1978
Board Certifications	American Board of Radiology, 1978

UCDAVIS HEALTH

John C. Hunter, M.D.

Professional Memberships

American Roentgen Ray Society
American Society of Emergency Radiology
Radiological Society of North America
Society of Academic Bone Radiologists
Society of Skeletal Radiology

Select Recent Publications

Walter Mak, JC Hunter. Magnetic Resonance Imaging in Inflammatory Arthritis. Journal of Musculoskeletal Medicine. 2009;26(12).

Escobedo EM, Richardson ML, Schulz YB, Hunter JC, Green JR, Messick KJ. Increased risk of posterior glenoid labrum tears in football players. AJR. 2007;188(1):193-7.

Singh RB, Hunter JC, Smith KL. MRI of shoulder instability: State of the art. Current Problems in Diagnostic Radiology. 2003 May-Jun;Vol. 32, Issue 3, pages 127-134.

Hunter JC, Escobedo EM, Wilson AJ, Hanel DP, Zink-Brody GC, Mann FA. MR imaging of clinically suspected scaphoid fractures. AJR. 1997;168(5):1287-93.

Chaudhari AJ, Ferrero A, Godinez F, Yang K, Shelton DK, Hunter JC, et al. High-resolution 18F-FDG PET/CT for assessing disease activity in rheumatoid and psoriatic arthritis: findings of a prospective pilot study. Br J Radiol. 2016; 89: 20160138.

Chaudhari AJ, Bowen SL, Burkett G, Packard NJ, Godinez F, Joshi AA, Naguwa SM, Shelton DK, Hunter JC, Boone JM, Buonocore MH, Badawi RD. High-resolution 18F-FDG PET with MRI for monitoring response to treatment in rheumatoid arthritis. European Journal of Nuclear Medicine and Molecular Imaging. 2010;37(5):1047.

Escobedo E, Mills W, Hunter JC. The 'reverse Segond' fracture: association with a tear of the

UCDAVIS HEALTH

posterior cruciate ligament and medial meniscus. AJR. 2002;178:979-983.

Twaddle BC, Hunter JC, Chapman JR, Simonian PT, Escobedo EM. MRI in acute knee dislocation. A prospective study of clinical, MRI, and surgical findings. J Bone Joint Surg Br. 1996;78(4):573-9.

Sumayya Shamaroze Jawadi, M.D.

Clinical Interests	Dr. Jawadi is a Diagnostic Radiologist with fellowship training in Abdominal Imaging. Her interests include Abdominal CT/MRI, Chest CT, Body Ultrasound, OB Ultrasound, Gastrointestinal and Genitourinary Fluoroscopic Imaging.
Title	Assistant Professor
Specialty	Abdominal Imaging
Department	Radiology
Division	Abdominal Imaging
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Hindi, Spanish, Urdu
Education	M.D., University of Missouri-Kansas City School of Medicine, Kansas City MO 2006 B.A., University of Missouri-Kansas City School of Medicine, Kansas City MO 2002
Internships	Louis Weiss Memorial Hospital, Chicago IL 2007-2008
Residency	diagnostic Radiology, B.A., University of Missouri-Kansas City School of Medicine, Kansas City MO 2008-2012
Fellowships	Abdominal Imaging, Harvard-Beth Israel Deaconess Medical Center, Boston MA 2012-2013
Select Recent Publications	Dunn DP, Brook OR, Brook A, Revah G, Jawadi S, Sun M, Lee KS, Mortele KJ. Measurement of pancreatic cystic lesions on magnetic resonance imaging: efficacy of standards in reducing inter-observer variability. Abdom Radiol (NY). 2016 Mar;41(3):500-7. Wintermark M, Jawadi SS, Rapp JH, Tihan T, Tong E, Glidden DV, Abedin S, Schaeffer S, Acevedo-Bolton G, Boudignon B, Orwoll B, Pan X, Saloner D. High-resolution CT imaging of carotid artery atherosclerotic plaques. AJNR Am J Neuroradiol. 2008 May;29(5):875-82.

UCDAVIS HEALTH

Michael Kadoch, M.D.

Michael Kadoch welcomes LGBT patients.

Clinical Interests	Dr. Kadoch's clinical interests include Thoracic Imaging, Cardiovascular Imaging, Thoracic Biopsy and Ablation.
Title	Assistant Professor of Clinical Radiology
Specialty	Radiology - Cardiothoracic Radiology
Department	Radiology
Division	Cardiac Radiology Pulmonary Radiology
Address/Phone	UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817 **Phone:** 800-2-UCDAVIS (800-282-3284) Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Email	mkadoch@ucdavis.edu
Languages	Hebrew
Education	M.D., SUNY Downstate Medical Center, Brooklyn NY 2009 B.S.E., The Cooper Union for the Advancement of Science and Art Albert Nerken School of Engineering, New York NY 2005
Internships	Internal Medicine, Long Island Jewish Medical Center, New Hyde Park NY 2009-2010
Residency	Diagnostic Radiology, Mount Sinai Hospital, New York NY 2010-2014
Fellowships	Thoracic Imaging, Stanford University Medical Center, Stanford CA 2014-2015 Cardiovascular Imaging, Stanford University Medical Center, Stanford CA 2015-2016
Board Certifications	American Board of Radiology, 2016

UCDAVIS HEALTH

Michael Kadoch, M.D.

Certification Board Of Cardiovascular Computed Tomography, 2016

Professional Memberships

American College of Radiology
American Roentgen Ray Society
North American Society for Cardiovascular Imaging
Radiological Society of North America
Society of Thoracic Radiology

Honors and Awards

Yudowsky Honor Scholarship for Outstanding Achievement in Medical School, 2009
Alpha Omega Alpha Medical Honor Society, 2008
Gold Humanism Honor Society, 2008
The Henri D. Dickinson Prize for the Highest Cumulative Index in Engineering, 2005

Select Recent Publications

Hanneman K, Kadoch M, Guo HH, Jamali M, Quon A, Iagaru A, Herfkens R. Initial experience with simultaneous 18F-FDG PET/MRI in the evaluation of cardiac sarcoidosis and myocarditis. Clin Nucl Med. 2017;42(7):e328-e334.

Azour L, Kadoch MA, Ward TJ, Eber CD, Jacobi AH. Estimation of cardiovascular risk on routine chest CT: Ordinal coronary artery calcium scoring as an accurate predictor of Agatston score ranges. J Cardiovasc Comput Tomogr. 2017;11(1):8-15.

Echegaray S, Nair V, Kadoch M, Leung A, Rubin D, Gevaert O, Napel S. A rapid segmentation-insensitive “digital biopsy” method for radiomic feature extraction: method and pilot study using CT images of non-small cell lung cancer. Tomography. 2016;2(4):283-294.

Tuzovic M, Adigopula S, Amsallem M, Kobayashi Y, Kadoch M, Boulate D, Krishnan G, Liang D, Schnittger I, Fleischmann D, McConnell MV, Haddad F. Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile. Int J Cardiovasc Imaging. 2016;32(3):389-98.

Ward TJ, Tamrazi A, Lam MG, Louie JD, Kao PN, Shah RP, Kadoch MA, Sze DY. Management of high hepatopulmonary shunting in patients undergoing hepatic radioembolization. J Vasc Interv

UCDAVIS HEALTH

Radiol. 2015;26(12):1751-60.

Liao JH, Amin VB, Kadoch MA, Beasley MB, Jacobi AH. Subsolid pulmonary nodules: CT-pathologic correlation using the 2011 IASLC/ATS/ERS classification. Clin Imaging. 2015;39(3): 344-351.

Kadoch MA, Cham MD, Beasley MB, Ward TJ, Jacobi AH, Eber CD, Padilla ML. Idiopathic interstitial pneumonias: a radiology-pathology correlation based on the revised 2013 American Thoracic Society-European Respiratory Society classification system. Curr Probl Diagn Radiol. 2015;44(1):15-25.

Patel UB, Kadoch MA, Jacobi AH. Pulmonary arteriovenous malformations in the setting of pulmonary amyloidosis. Am J Respir Crit Care Med. 2014;190(4):e14-5.

Patel UB, Ward TJ, Kadoch MA, Cham MD. Radiographic features of pulmonary embolism: Hampton's hump. Postgrad Med J. 2014;90(1065):420-1.

Ward TJ, Kadoch MA, Jacobi AH, Lopez PP, Salvo JS, Cham MD. Magnetic resonance imaging of benign cardiac masses: a pictorial essay. J Clin Imaging Sci. 2013;3:34.

Kathleen Ai-Lan Khong, M.D.

Kathleen Ai-Lan Khong welcomes LGBT patients.

Clinical Interests Dr. Khong has clinical interests in Women's and Breast Imaging. Her main interests lie in 2D and 3D mammography, breast MRI, breast ultrasound, as well as minimally invasive breast interventional procedures including stereotactic-guided, ultrasound-guided, and MRI-guided breast biopsies.
She is also interested and involved in academic diagnostic radiology research in hopes to continually improve breast imaging health care for patients.

Title Staff Physician, Department of Radiology

Specialty Radiology

Division Breast Imaging

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Education M.D., Northwestern University, Feinberg School of Medicine, Chicago IL 2008
B.S., UCLA, Los Angeles CA 2004

Internships Resurrection Medical Center, Chicago IL 2008-2009

Residency Diagnostic Radiology, UC Davis Medical Center, Sacramento CA 2009-2013

Fellowships Breast Imaging, UC Davis Medical Center, Sacramento, CA 2013-2014

Board Certifications American Board of Radiology, Diagnostic Radiology, 2013

Professional Memberships American College of Radiology
American Roentgen Ray Society
American Society of Breast Disease
Radiological Society of North America
Society of Breast Imaging

UCDAVIS HEALTH

Kathleen Ai-Lan Khong, M.D.

Honors and Awards

American Institute of Ultrasound in Medicine 2014 New Investigator Award Finalist., 2014
UC-Davis Radiology Department Research Award, 2013
Roentgen Radiology Resident/Fellow Research Award, 2012
Fellow, RSNA/ARRS Introduction to Academic Radiology Grant, 2011

Select Recent Publications

Khong K., Nguyen H., Li C., Cheng D., McGahan JP. Percutaneous radiofrequency ablation of hepatocellular carcinoma against the diaphragm: Is hydrodissection necessary? Open Journal of Radiology, 2014 Jan; Vol 4.

Nguyen H., Khong K., Ding K., Wilson M., McGahan JP. Use of a new algorithm with an internally cooled electrode for radiofrequency ablation of small hepatocellular carcinomas. Open Journal of Radiology, 2013 Dec; 3:204-208

Yen P., Khong K., Lamba P., Corwin MT, Gerscovich, E. Ovarian fibromas and fibrothecomas: Ultrasound correlation with CT %26amp%3B MR - a 5 year single institution experience. Journal of Ultrasound in Medicine. 2013 Jan; 32(1):13-8

Sandhu P, Khong K, McGahan J, Ro K, Llloyd W, Towner D. Novel presentation of Aicardi syndrome with agenesis of the corpus callosum and an orbital cyst. Journal of Ultrasound in Medicine. 2010; May; 29:841-844

UCDAVIS HEALTH

Friedrich Knollmann, M.D., Ph.D.

Clinical Interests	Dr. Knollmann's clinical interests include: Cardiothoracic imaging, cardiovascular CT and MRI, chest imaging, and oncologic imaging.
Research/Academic Interests	Dr. Knollmann's research interests include: Cardiac imaging with CT and MRI, cardiovascular imaging, and assessment of tumor response to treatment with CT perfusion imaging in lung cancer.
Title	Professor of Clinical Radiology
Specialty	Radiology, Cardiothoracic Radiology
Department	Radiology
Division	Cardiac Radiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655 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	German
Education	M.D., University of Heidelberg, Heidelberg, Germany 1993 Ph.D., Diagnostic Radiology, Humboldt University, Charite, Berlin, Germany 2001
Internships	Radiology, Universitaetsklinikum Rudolf Virchow, Berlin, Germany 1993-1995
Residency	Diagnostic Radiology, Charite, Berlin, Germany 1997-1999 Cardiothoracic Surgery, Deutschers Herzzentrum, Berlin, Germany 1996-1997
Board Certifications	American Board of Radiology, Diagnostic Radiology, 2011 Board Certified, Cardiovascular Computed Tomography, 2011
Professional Memberships	American College of Radiology American Heart Association American Roentgen Ray Society

UCDAVIS HEALTH

Friedrich Knollmann, M.D., Ph.D.

European Society of Radiology
North American Society for Cardiovascular Imaging
Radiological Society of North America
Society of Cardiovascular Computed Tomography
Society of Thoracic Radiology

Honors and Awards

Certificate of Reviewing Excellence presented by Elsevier and the Editors in Academic Radiology for excellence in peer review, 2013

Select Recent Publications

Popma JJ, Adams DH, Reardon MJ, Yakubov SJ, Kleiman NS, Heimansohn D, Hermiller J Jr, Hughes GC, Harrison JK, Coselli J, Diez J, Kafi A, Schreiber T, Gleason TG, Conte J, Buchbinder M, Deeb GM, Carabello B, Serruys PW, Chenoweth S, Oh JK; CoreValve United States Clinical Investigators. Transcatheter aortic valve replacement using a self-expanding bioprosthesis in patients with severe aortic stenosis at extreme risk for surgery. J Am Coll Cardiol. 2014 May 20;63 (19):1972-81.

Knollmann FD, Kumthekar R, Fetzer D, Socinski MA. Assessing response to treatment in non--small-cell lung cancer: role of tumor volume evaluated by computed tomography. Clin Lung Cancer. 2014 Mar;15(2):103-9.

Knollmann FD, Lacomis JM, Ocak I, Gleason T. The role of aortic wall CT attenuation measurements for the diagnosis of acute aortic syndromes. Eur J Radiol. 2013 Dec;82(12):2392-8.

Seethala S, Shah H, Knollmann F, Ramani R, Nmec J. Radiofrequency ablation of post-incisional atrial flutter and high-output heart failure in a patient with interrupted inferior vena cava and hereditary hemorrhagic telangiectasia. Hellenic J Cardiol. 2013 Nov-Dec;54(6):474-9.

Nichols L, Saunders R, Knollmann FD. Causes of death of patients with lung cancer. Arch Pathol Lab Med. 2012 Dec;136(12):1552-7.

UCDAVIS HEALTH

Friedrich Knollmann, M.D., Ph.D.

Ocak I, Lacomis JM, Deible CR, Türkbey B, Knollmann F. Prevalence of aortic root dilation in patients with CT angiography of the aorta. Diagn Interv Radiol. 2011 Sep;17(3):272-6.

Pu J, Zheng B, Leader JK, Fuhrman C, Knollmann F, Klym A, Gur D. Pulmonary lobe segmentation in CT examinations using implicit surface fitting. IEEE Trans Med Imaging. 2009 Dec;28(12): 1986-96.

Ocak I, Lacomis JM, Deible CR, Pealer K, Parag Y, Knollmann F. The aortic root: comparison of measurements from ECG-gated CT angiography with transthoracic echocardiography. J Thorac Imaging. 2009 Aug;24(3):223-6.

Pu J, Leader JK, Zheng B, Knollmann F, Fuhrman C, Sciurba FC, Gur D. A Computational geometry approach to automated pulmonary fissure segmentation in CT examinations. IEEE Trans Med Imaging. 2009 May;28(5):710-9.

Knollmann FD, Wieltsch A, Peters S, Mahlke A, Niederberger S, Kertesz T. Flat panel volume computed tomography of the coronary arteries. Acad Radiol. 2009 Oct;16(10):1251-62.

UCDAVIS HEALTH

Ramit Lamba, M.B.B.S.

Clinical Interests
Dr. Lamba's chief clinical interests include advanced Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) of diseases in the abdomen and pelvis. He also specializes in Ultrasound of the abdomen and pelvis and CT and CT and Ultrasound guided non-vascular interventional procedures in the chest, abdomen and pelvis
he has a special interest and expertise in hepatic, pancratic and GI tract and vascular diseases.
His research interests include CT of the abdomen and pelvis and radiation dose reduction in CT.

Title
Associate Professor
Co-Director of Body MRI
Director of CT

Specialty
Radiology, Radiology - Abdominal Imaging, Radiology - Body MRI

Department
Radiology

Division
Abdominal Imaging
Body MRI

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Languages
Hindi, Punjabi

Education
M.B.B.S., M.D., Dayanand Medical College, Ludhiana, 1991

Internships
Maine Medical Center, Portland, Maine, 1998-1999

Residency
Maine Medical Center, Portland , Maine, 1999-2003
Post Graduate Institute of Medical Education and Research, Chandigarh, 1994-1997

Fellowships
Brigham and Women's Hospital, Harvard Medical School, Boston , Massachusetts, 2003-2004

UCDAVIS HEALTH

Ramit Lamba, M.B.B.S.

Board Certifications

American Board of Radiology, 2003

Professional Memberships

American Roentgen Ray Society
Radiological Society of North America

Honors and Awards

Certificate of Merit: 96th Annual Meeting of the Radiological Society of North America, Chicago, 2010

Educational Exhibit Invited for publication in Radiographics: 96th Annual Meeting of the Radiological Society of North America, Chicago, 2010

Cum Laude Award: 94th Annual Meeting of the Radiological Society of North America, Chicago, IL, Dec. 2008 Lamba R*, Roper GE, Boone JM. A Multi-Faceted Comprehensive Approach to Radiation Dose Reduction for Abdomino-Pelvic CT at a University Hospital. *(*Presenter & First Author)*, 2008

Select Recent Publications

McGahan JP, Lamba R, Coakley F. Imaging Non-Obstetrical Causes of Abdominal Pain in the Pregnant Patient. Applied Radiology. 2010 Nov;10-25.

Pevec WC, Lee ES, Lamba R. Symptomatic Acute Aortocaval Fistula Complicating an Infrarenal Aortic Aneurysm. J Vasc Surg. 2010 Feb;51(2):475.

Pevec WC, Lee ES, Lamba R. Symptomatic, acute aortocaval fistula complicating an infrarenal aortic aneurysm. *J Vasc Surg*. Jul 10, 2009.

Katzberg RW, Lamba R*. Contrast-induced nephropathy after intravenous administration: fact or fiction? *Radiol Clin North Am*. Sep 2009; 47(5):789-800.

Lopera JE, Trimmer CK, Lamba R, Suri R, Cura MA, EI-Merhi FM, Kroma G. MDCT angiography of mesenteric bypass surgery for the treatment of chronic mesenteric ischemia. *AJR Am J Roentgenol*. Nov 2009; 193(5):1439-1445.

Erturk SM, Silverman S, Mortele K, Lamba R, Tuncali K, Vansonnenberg E, Cibas E. Percutaneous biopsy of abdominal masses using 25-gauge needles. *Abdom Imaging*. Dec 18, 2008.

UCDAVIS HEALTH

Richard E. Latchaw, M.D.

Clinical Interests

Richard E. Latchaw, M.D., Professor of Radiology at the UC Davis Medical Center since 2002, has been a practitioner of diagnostic and interventional Neuroradiology for the past 38 years.

Dr. Latchaw has been a leader in the development of Diagnostic Neuroradiology throughout his career. He is internationally known for his work in the diagnosis and treatment of acute ischemic stroke, including the evaluation of cerebral perfusion.

He has performed all forms of image-guided procedures in the head, neck, and spine, including recanalization of acutely occluded vessels; intracranial and extracranial angioplasty and stenting; pre-operative embolization of intracranial and extracranial tumors; and ablation of aneurysms, vascular malformations and arteriovenous fistulae of the head, neck and spine.

His current research interests are the development of thrombectomy devices for the entire body, both arterial and venous; catheter-based systems for the infusion of chemotherapy and stem cells to treat brain tumors and other abnormalities; and catheter-based systems to monitor the traumatized brain.

Title

Professor

Specialty

Cancer, Radiology, Radiology - Diagnostic Radiology, Radiology - Neuroradiology, Vascular and Endovascular Care

Department

Radiology

Division

Neuroradiology

Center/Program Affiliation

Cardiovascular Services

UC Davis Comprehensive Cancer Center

Address/Phone

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Phone: 916-734-0655

Additional Phone

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

Education

M.D., University of Minnesota Medical School, Minneapolis, Minnesota, 1968

B.S., University of Minnesota, Minneapolis, Minnesota, 1966

Internships

Yale-New Haven Hospital, New Haven, Connecticut, 1969

UCDAVIS HEALTH

Richard E. Latchaw, M.D.

Residency

University of Michigan, Ann Arbor, Michigan, 1969-1971

Fellowships

University of Michigan, Ann Arbor , Michigan, 1971-1973

Board Certifications

American Board of Radiology, Diagnostic Radiology, 1973
American Board of Radiology, Neuroradiology, 1995
American Board of Radiology, Neuroradiology, 2007

Professional Memberships

American College of Radiology, Fellow
American Society of Neuroradiology
American Society of Pediatric Neuroradiology
American Stroke Association
Cardiovascular Council, American Heart Association
Fred Jenner Hodges Society (Alumni, University of Michigan Department of Radiology)
International Society of Magnetic Resonance in Medicine
Radiological Society of North America
Society of Neurointerventional Surgery
Stroke Council, American Heart Association

Honors and Awards

Radiology Editor's Recognition Award for Reviewing, w/Distinction, 1999
Honorary Member, Neuroradiology Association of Columbia, 1999
Honorary Member, Mexican Neuroradiology Society, 1996
Honorary Member, Radiology Society of Chile, 1994
Radiology Editor's Recognition Award for reviewing, w/Distinction, 1991
Honorary Member, French Canadian Society of Radiology, 1987
Alpha Omega Alpha, University of Minnesota School of Medicine, 1968
Scholarship for three months foreign study under Student Project for Amity among Nations.
Thesis: Medicine in a Developing Country: A Survey of the Medical System of Tanganyika, 1963

Select Recent Publications

Latchaw RE, Alberts MJ, Lev MH, et al. Recommendations for imaging of acute ischemic stroke: a scientific statement from the American Heart Association. *Stroke*. Nov 2009; 40(11):3646-3678.

Shahlaie K, Boggan JE, Latchaw RE, Ji C, Muizelaar JP. Posttraumatic vasospasm detected by continuous brain tissue oxygen monitoring: treatment with intraarterial verapamil and balloon angioplasty. *Neurocrit Care*. 2009; 10(1):61-69.

Kile SJ, Camilleri CC, Latchaw RE, Tharp BR. Bithalamic lesions of butane encephalopathy. *Pediatr Neurol*. Dec 2006; 35(6):439-441.

Latchaw RE, Kucharczyk J, Moseley ME (eds), *Imaging of the Nervous System: Diagnostic and*

UCDAVIS HEALTH

Richard E. Latchaw, M.D.

Therapeutic Applications. Elsevier-Mosby Co. (Philadelphia, PA) 2005.

Alberts MJ, Latchaw RE, Selman WR, et al. Recommendations for comprehensive stroke centers: a consensus statement from the Brain Attack Coalition. *Stroke*. Jul 2005; 36(7): 1597-1616.

Dublin AB, Hartman J, Latchaw RE, Hald JK, Reid MH. The vertebral body fracture in osteoporosis: restoration of height using percutaneous vertebroplasty. *AJNR Am J Neuroradiol*. Mar 2005; 26(3): 489-492.

Bader LJ, Carter KD, Latchaw RE, Ellis WG, Wexler JA, Watson JC. Simultaneous symptomatic Rathke's cleft cyst and GH secreting pituitary adenoma: a case report. *Pituitary*. 2004; 7(1):39-44.

Latchaw RE. Cerebral perfusion imaging in acute stroke. *J Vase Interv Radiol*. Jan 2004; 15(1 Pt 2): S29-46.

Kapoor V, Rothfus WE, Grahovac SZ, Latchaw RE. Radicular pain avoidance during needle placement in lumbar diskography. *AJR Am J Roentgenol*. Oct 2003; 181(4):1149-1154.

Latchaw RE, Yonas H, Hunter GJ, et al. Guidelines and recommendations for perfusion imaging in cerebral ischemia: A scientific statement for healthcare professionals by the writing group on perfusion imaging, from the Council on Cardiovascular Radiology of the American Heart Association. *Stroke*. Apr 2003; 34(4):1084-1104.

UCDAVIS HEALTH

Karen K. Lindfors, M.D., M.P.H.

Karen K. Lindfors welcomes LGBT patients.

Philosophy of Care

As the section chief of Breast Imaging, I believe that breast cancer screening, detection and diagnosis must be offered in a professional, yet warm and supportive environment that reduces anxiety for the women we serve.
The staff, technologists and physicians work as a team to achieve this goal. I believe strongly in patient/radiologist direct communication and I encourage discussion with patients when they are seen for possible signs or symptoms of breast cancer.

Clinical Interests

A leading advocate for women's health, Dr. Lindfors works locally and nationally to promote patient and health-care professional education and early detection of breast cancer. Dr. Lindfors is researching the development of new methods to screen for breast cancer, including dedicated breast CT and breast tomosynthesis.

Title

Chief of Breast Imaging
Professor of Clinical Radiology

Specialty

Cancer, Radiology, Radiology - Breast Imaging, Radiology - Diagnostic Radiology

Department

Radiology

Division

Breast Imaging

Center/Program Affiliation

UC Davis Comprehensive Cancer Center
Women's Center for Health

Address/Phone

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Additional Phone

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Education

M.D., University of Louisville School of Medicine, Louisville KY 1979
M.P.H., Yale University, New Haven CT 1974
B.S., Cornell University, Ithaca NY 1972

Internships

Surgery, Boston University Medical Center, Boston MA 1979-1980

Residency

Chief Resident in Diagnostic Radiology, Massachusetts General Hospital, Boston MA 1982-1983
Diagnostic Radiology, Massachusetts General Hospital, Boston MA 1980-1982

UCDAVIS HEALTH

Karen K. Lindfors, M.D., M.P.H.

Fellowships

Radiology, Harvard Medical School, Boston MA 1983-1984

Board Certifications

American Board of Radiology, 1983

Professional Memberships

American College of Radiology
American Roentgen Ray Society
California Radiological Society
Northern California Radiological Society
Radiological Society of North America
Society of Breast Imaging

Honors and Awards

Fellow of the American College of Radiology, 2015
American Board of Radiology Volunteer Service Award, 2014
University of California, Davis School of Medicine, Dean's Team Award for Excellence in Research, 2014

Select Recent Publications

Aminololama-Shakeri S, Abbey CK, Gazi P, Prionas ND, Nosratieh A, Li CS, Boone JM, Lindfors KK. Differentiation of ductal carcinoma in-situ from benign micro-calcifications by dedicated breast computed tomography. Eur J Radiol. 2016 Jan;85(1):297-303.

Lee J, Nishikawa RM, Reiser I, Boone JM, Lindfors KK. Local curvature analysis for classifying breast tumors: Preliminary analysis in dedicated breast CT. Med Phys. 2015 Sep;42(9):5479-89.

Chen L, Boone JM, Abbey CK, Hargreaves J, Bateni C, Lindfors KK, Yang K, Nosratieh A, Hernandez A, Gazi P. Simulated lesion, human observer performance comparison between thin-section dedicated breast CT images versus computed thick-section simulated projection images of the breast. Phys Med Biol. 2015 Apr 21;60(8):3347-58.

Khong KA, Hargreaves J, Aminololama-Shakeri S, Lindfors KK. Impact of the California breast density law on primary care physicians. J Am Coll Radiol. 2015 Mar;12(3):256-60.

Kuo HC, Giger ML, Reiser I, Boone JM, Lindfors KK, Yang K, Edwards A. Level set segmentation of

UCDAVIS HEALTH

Karen K. Lindfors, M.D., M.P.H.

breast masses in contrast-enhanced dedicated breast CT and evaluation of stopping criteria. J Digit Imaging. 2014 Apr;27(2):237-47.

Taghavi M, Zhang Y, Lindfors K, Aminololama-Shakeri S. Breast cancer mimic: cutaneous B-cell lymphoma presenting as an isolated breast mass. Case Rep Oncol. 2014 Oct 15;7(3):685-91.

Tosteson AN, Fryback DG, Hammond CS, Hanna LG, Grove MR, Brown M, Wang Q, Lindfors K, Pisano ED. Consequences of false-positive screening mammograms. JAMA Intern Med. 2014 Jun; 174(6):954-61.

Kuo HC, Giger ML, Reiser I, Drukker I, Boone JM, Lindfors KK, Yang K, Edwards A, Sennett C. Segmentation of Breast Masses on Dedicated Breast CT and 3D Breast Ultrasound Images. Journal of Medical Imaging. 2014;1(1), 014501.

Boone JM, Lindfors KK, Aminololama-Shakeri S: The Potential of Breast CT for Breast Cancer Screening and Diagnosis. Society of Breast Imaging News. Winter 2014.

UCDAVIS HEALTH

Daniel P. Link, M.D.

Clinical Interests
Dr. Link specializes in radiological diagnosis and interventional evaluation for vascular malformations of various disease systems and the treatment of varicose veins as well as other venous conditions. He also provides angiography services and arterial embolization therapy. His research centers on blood-flow measurement techniques, with investigations into new embolic agents, combination embolic therapies, liver blood flow, and microscopic anatomical changes (histopathology) of chronic arterial occlusions.

Title
Chief of Interventional and Vascular Radiology
Director of Vein Program
Professor

Specialty
Radiology, Radiology - Interventional Radiology, Vascular and Endovascular Care

Department
Radiology

Division
Interventional Radiology

Center/Program Affiliation
Cardiovascular Services
Vascular Center

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

Education
M.D., Oregon Health & Science University School of Medicine, Portland, Oregon, 1969
B.A., Willamette University, Salem, Oregon, 1965

Internships
UC Davis Medical Center, Sacramento, California, 1969-1970

Residency
Sutter Community Hospitals, Sacramento, California, 1971-1973
UC Davis Medical Center, Sacramento, California, 1970-1971
UC Davis Medical Center, Sacramento, California, 1973-1974

Fellowships
Lunds Universite, Malmo, Sweden, 1975-1976

Board Certifications
American Board of Radiology, 1974
American Board of Radiology, Vascular and Interventional Radiology, 1995

UCDAVIS HEALTH

Daniel P. Link, M.D.

Professional Memberships

American Association of Clinical Anatomists
American College of Radiology
American Heart Association
American Roentgen Ray Society
American society of Interventional & Therapeutic Neuroradiology
Association of University Radiologists
Northern California Radiological Society
Radiological Society of North America
Sacramento/El Dorado County Medical Society
Society of Cardiovascular and Interventional Radiology
Western Angiographic & Interventional Society

Select Recent Publications

Link DP, Yung-Wei Chi. Massive Hematochezia, a complication of Methamphetamine Induced vasculitis treated by transcatheter hemostasis. Case reports in Radiology. Volume 2011, Article ID 919236, 3 page doi:10.115/2011/919236

Monsky WL, Link DP. Nanotechnology Development and Utilization: A Primer for Diagnostic and Interventional Radiologists. RadioGraphics: September 2011.

Monsky WL, Garza AS, Loh S, Link DP. Snare technique for the placement of a peripherally inserted Centeral catheter in the neonatal and pediatric patient. Journal of Vascular Access:April-June 2010;11(2):100-5.

Link DP, Monsky W, Garza AS. Acquired peripheral arterial-venous malformations in patients with venous thrombosis: Report of 2 cases. Journal of Vascular and Interventional Radiology. 2010;21: 387-391.

2009 Link DP, Monsky WL, Garza AS. Congenital single, pelvic iliac artery: a case report. *Journal of Vascular and Interventional Radiology*, 20(9):1231-34, Sept.

2008 Holmes JF, Link DP, Scherer L, Bair AE. Images in Emergency Medicine. Profunda femoral artery pseudoaneurysm after a stab wound. *Annals of Emergency Medicine*, 51(3):330-342, Mar.

2008 Lee ES, Pevec WC, Link DP, Dawson DL. Use of T-Stat to predict colonic ischemia during and after endovascular aneurysm repair: A case report. *Journal of Vascular Surgery*, 47(3):632-634, Mar.

2008 Travis T, Monsky W, London J, Danielson M, Brock J, Wegelin J., Link DP. Evaluation of short-term and long-term complications after emergent internal iliac artery embolization in patients with pelvic trauma. *Journal of Vascular and Interventional Radiology*, Epub 2008 Apr 10; 19(6): 840-847, June.

UCDAVIS HEALTH

Daniel P. Link, M.D.

2000 Hall WH, McGahan JP, Link DP, de Vere White RW. Combined embolization and percutaneous radiofrequency ablation of a solid renal tumor. *American Journal of Roentgenology*, 174(6):1592-1594, June.

UCDAVIS HEALTH

John P. Livoni, M.D., M.P.H.

Clinical Interests	Dr. Livoni's clinical interests focus on imaging of occupational lung diseases as well as emergency radiology.
Title	Associate Chair Clinical Professor of Radiology
Specialty	Radiology
Department	Radiology
Division	Abdominal Imaging
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC Davis School of Medicine, Sacramento, California, 1976 M.P.H., University of Hawaii, Honolulu, Hawaii, 1987 B.S., UC Davis, Davis, California, 1972
Internships	UC Davis Medical Center, Sacramento, CA, 1977
Residency	UC Davis Medical Center, Sacramento, CA, 1980
Board Certifications	American Board of Radiology, Diagnostic Radiology, 1980 National Board of Medical Examiners, 1977 National Institute for Occupational Safety and Health, 2010
Professional Memberships	American College of Radiology American Public Health Association The Radiological Society of North America
Honors and Awards	Red Sash Medical Student Teaching Award-University of Arkansas, 2007 Governor's Scholar, University of California, Davis, 1968 Fellow, National Science Foundation Training Program in Chemistry for High School Students, San Diego, CA, 1967

UCDAVIS HEALTH

John P. Livoni, M.D., M.P.H.

Select Recent Publications

Livoni JP. Is monoarthritis of the knee really a paraneoplastic syndrome? (Electronic Letter to the Editor). Annals of the Rheumatic Diseases, 2007.

2005 RSNA Professionalism Committee [Teplick SK, Berlin L, Cascade PN, Gosek M, Hartford AC, Janower ML, Livoni JP, Rumack CM, Hricak H]. Medical professionalism in the new millennium: a physicians' charter. Radiology. 2006 Feb;238(2):383-6.

Siefkin AD, Igarashi P, Allen R, Livoni J. Unsuspected mediastinal hematoma diagnosed by computed tomography. Journal of Computer Assisted Tomography. 8(3):211-214, 1984.

Barcia TC, Livoni JP. Indications for angiography in blunt thoracic trauma. Radiology 147:15-19, 1983.

Livoni JP, McGahan JP. Intracranial fluid-blood levels in the anticoagulated patient. Neuroradiology 25(5):335-337, 1983.

Livoni JP. Fatal gastrointestinal hemorrhage due to aortoesophageal fistula. Annals of Emergency Medicine 12(8)518-519, 1983.

Livoni JP, Barcia TB. Fracture of the first and second rib: Incidence of vascular injury relative to type of fracture. Radiology 145 (1):31-33, 1982.

Livoni JP, Bogren HG. Multiloculated chronic posttraumatic aneurysm of the thoracic aorta with late acute rupture. Cardiovascular and Interventional Radiology 5(5):227-229, 1982.

Smith JP, Livoni JP, Parsons G., Bodai BI. Multiple cysts in a lower lobe. Journal of Respiratory Diseases 3(8):85-88, 1982.

Livoni JP, Phillips HE. Angiographic false positive diagnosis of carotid artery dissection. Radiology 135 (1):115-116, 1980.

Gold MH, Farrand RJ, Livoni JP, Segel IH. Neurospora crassa glycogen phosphorylase: Interconversion and kinetic properties of the “active” form. Archives of Biochemistry and Biophysics 161:515-527, 1974.

Goldsmith J, Livoni JP, Norbert CT, Segel IH. Regulation of nitrate uptake in penicillium chrysogenum by ammonium ion. Journal of Plant Physiology 52:362-367, 1973.

UCDAVIS HEALTH

Thomas W. Loehfelm, M.D., Ph.D.

Clinical Interests	Dr. Loehfelm's clinical interests include radiology clinical and research informatics; data-driven practice quality improvement; and clinical natural language processing.
Title	Assistant Professor
Specialty	Diagnostic Radiology, Abdominal Imaging
Department	Radiology
Division	Abdominal Imaging
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Phone: 800-4-UCDAVIS (800-482-3284) Fax: 916-734-8490
Education	M.D., Ph.D., Medicine and Microbiology, State University of New York, Buffalo NY 2010 B.A., College of the Holy Cross, Worcester MA 1999
Internships	Emory University, Atlanta GA 2010-2011
Residency	Radiology, Emory University, Atlanta GA 2011-2015
Fellowships	Abdominal Imaging, Stanford University, Palo Alto CA 2015-2016

UCDAVIS HEALTH

John P. McGahan, M.D.

Clinical Interests

Dr. McGahan is a leading interventional and diagnostic radiologist. He has pioneered the use of several innovative techniques, including the use of radiofrequency ablation to treat primary and metastatic tumors (with results comparable to traditional surgery, but with fewer risks). He also has used ablation techniques in the treatment of primary and metastatic liver, renal and lung tumors. He has treated benign and metastatic bone tumors as well. In addition, Dr. McGahan has investigated new techniques of tissue ablation for other organs, such as the prostate and breast. He has pioneered several other interventional techniques, including the development of percutaneous cholecystostomy as well as new techniques for endoluminal drainage of pelvic abscesses. He recently has studied the efficacy of abdominal ultrasound contrast in patients who have different diseases, including the use of ultrasound contrast in patients with hepatic or splenic injuries from blunt abdominal trauma.

Dr. McGahan was appointed as the chairperson by the American College of Radiology for its national Accreditation Program of Ultrasound Practices in the United States and Canada. He serves on the editorial board of several scientific journals and has edited six textbooks, including *Diagnostic Ultrasound, A Logical Approach*; *Diagnostic Imaging of Fetal Anomalies*; and most recently, an *Atlas of Ultrasound Measurements*.

Title

Professor

Specialty

Cancer, Radiology, Radiology - Abdominal Imaging, Radiology - Body MRI, Radiology - Interventional Radiology, Radiology - Radiofrequency Ablation

Department

Radiology

Division

Abdominal Imaging
Body MRI
Radiofrequency Ablation

Center/Program Affiliation

UC Davis Comprehensive Cancer Center

Address/Phone

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Phone: 916-734-0655

Additional Phone

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

UCDAVIS HEALTH

John P. McGahan, M.D.

Education

M.D., F.A.C.R., Oregon Health & Science University School of Medicine, Portland, Oregon, 1974
B.S., Gonzaga University, Spokane, Washington, 1970

Internships

UC Davis Medical Center, Sacramento, California, 1974-1975

Residency

UC Davis Medical Center, Sacramento, California, 1975-1979

Board Certifications

American Board of Radiology, 1979
American Board of Radiology, Vascular and Interventional Radiology, 1995
National Board of Medical Examiners, 1974

Professional Memberships

American College of Radiology, Fellow
American Institute of Ultrasound in Medicine, Fellow
American Roentgen Ray Society
Association of University Radiologists
International Hepato-Biliary Pancreatic Association
International Society of Biliary Radiology
Radiological Society of North America
Society of Biliary Radiology
Society of Radiologists in Ultrasound, Fellow

Select Recent Publications

Katzberg RW, McGahan JP. Science to practice: Will Gadolinium--enhanced MR imaging be useful in assessment of at-risk pregnancies? Radiology. 2011 Feb;258(2):325-6.

Lam D, Wootton-Gorges SL, McGahan JP, Stern R, Boone JM. Abdominal pediatric cancer surveillance using serial computed tomography: evaluation of organ absorbed dose and effective dose. Semin Oncol. 2011 Feb;38(1):128-35.

McGahan JP, Loh S, Boschini FJ, Paoli EE, Brock JM, Monsky WL, Li CS. Maximizing parameters for tissue ablation by using an internally cooled electrode.

Towner D, Gerscovich EO, Chiong BB, Rhee-Morris L, McGahan JP. Comparison of single versus multiple echogenic foci in the fetal heart regarding risk of aneuploidy. J Ultrasound Med. 2010 Jul; 29(7):1061-7.

Holmes JF, Wisner DH, McGahan JP, Mower WR, Kuppermann N. Clinical prediction rules for identifying adults at very low risk for intra-abdominal injuries after blunt trauma. Ann Emerg Med. 2009 Oct;54(4):575-84. Epub 2009 May 19.

McGahan JP, Wu C. Sonographically guided transvaginal or transrectal pelvic abscess drainage using the trocar method with a new drainage guide attachment, AJR Am J Roentgenol, 191(5): 1540-4, Nov 2008.

UCDAVIS HEALTH

John P. McGahan, M.D.

Naderi S, McGahan JP. A primer for fetal cardiac imaging: a stepwise approach for 2-dimensional imaging. *Ultrasound Q.* 2008 Sep; 24(3):195-206.

McGahan JP, Khatri VP. Imaging findings after liver resection by using radiofrequency parenchymal coagulation devices: initial experiences, Radiology, 247(3):896-902, Jun 2008.

Khatri VP, McGahan JP, Ramsamooj R, Griffey S, Brock J, Cronan M, Wilkendorf S. A phase II trial of image-guided radiofrequency ablation of small invasive breast carcinomas: use of saline-cooled tip electrode, Ann Surg Oncol, 14(5):1644-52, 2007 May.

McGahan JP, Horton S, Gerscovich EO, Gillen M, Richards JR, Cronan MS, Brock JM, Battistella F, Weisner DH, Holmes JF. Appearance of solid-organ injury with contrast-enhanced sonography in blunt abdominal trauma: Preliminary experience. *Am J Roentgenol*, 187(3):658-66, Sep 2006.

McGahan JP, Ro KM, Evans CP, Ellison LM. Efficacy of transhepatic radiofrequency ablation of renal-cell carcinoma. *Am J Roentgenol*, 186(5 Suppl):S311-5, May 2006.

UCDAVIS HEALTH

Giselle M. Melendres, M.D.

Clinical Interests
Dr. Melendres has clinical interests in diagnostic imaging, including ultrasound and computed tomography of the abdomen and pelvis. Her focus is on women's imaging, including obstetrical imaging.

Title
Associate Professor

Specialty
Radiology, Radiology - Abdominal Imaging

Department
Radiology

Division
Abdominal Imaging
Body MRI

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Education
M.D., Rush Medical College, Chicago, Illinois, 1995
B.A., Knox College, Galesburg, Illinois, 1991

Internships
West Suburban Hospital Medical Center, Oak Park, Illinois, 1995-96

Residency
Michael-Reese and Mercy Hospital Medical Centers,
University of Illinois at Chicago, Chicago , Illinois, 1996-2000

Fellowships
University of California, Davis, Medical Center, Sacramento, California, 2000-2001

Board Certifications
American Board of Radiology, Diagnostic Radiology, 2000

Professional Memberships
American Association of Women Radiologists
American College of Radiologists
Radiological Society of North America

Select Recent Publications
Lee Be, Ormsby EL, McGahan JP, Melendres GM, Richards JR. The utility of sonography for the triage of blunt abdominal trauma patients to exploratory laparotomy. *AJR Am J Roentgenol.* 2007 Feb; 188(2):415-21.
Melendres G, Ormsby EL, McGahan JP, Moon-Grady AJ, Towner D, Taylor D. Prenatal diagnosis of

UCDAVIS HEALTH

Giselle M. Melendres, M.D.

Ebstein anomaly: a potential pitfall. *J Ultrasound Med.* 2004 Apr; 23(4):551-5. No abstract available.

Hiller L 4th, McGahan JP, Bijan B, Melendres G, Towner D. Sonographic detection of *in utero* isolated cerebellar hemorrhage. *J Ultrasound Med.* 2003 Jun; 22(6):649-52.

McGahan JP, Bijan B, Gillen MA, Dumars MC, Melendres GM, Gorges SW. Ultrasound Case of the Day. *Radiology* (Supplement): 2001, November 2(EE), 64.

Impact of the Patient Self-Determination Act on Advanced Directive – Part 1 (chart review at RPSLMC, 1992)

Stress Response in Phascolosoma pellucens (Phylum Sipuncula) during Heat Shock, Wounding & Regeneration (Undergraduate Honors Thesis in Biology, in part presented and published in Proceedings of the Fifth National Conference of Undergraduate Research 1991)

UCDAVIS HEALTH

Elizabeth H. Moore, M.D.

Clinical Interests	Dr. Moore specializes in thoracic radiology including chest radiographs, chest computed tomography, chest magnetic resonance imaging, cardiovascular computed tomography, lung biopsy and radiofrequency and microwave ablation of primary lung cancers and lung metastases. Her primary areas of research and publication include lung biopsy, pulmonary infectious disease, and cardiac imaging. She has been a staff radiologist at the University of California San Francisco, the San Francisco VA Hospital, and at Massachusetts General Hospital in Boston.
Title	Professor of Clinical Radiology
Specialty	Cancer, Lung Biopsy, Microwave Ablation, Radiology, Radiology - Pulmonary Radiology, Radiology - Radiofrequency Ablation
Department	Radiology
Division	Cardiac Radiology Pulmonary Radiology Radiofrequency Ablation
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655 UC Davis Medical Center, 2315 Stockton Blvd. Suite 1852 Sacramento, CA 95817 **Phone:** 800-2-UCDAVIS
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., Yale University School of Medicine, New Haven, Connecticut B.S., Yale University, New Haven, Connecticut
Internships	Royal Victoria Hospital (McGill), Montreal
Residency	Brigham and Women's Hospital (Harvard), Boston, Massachusetts
Fellowships	University of California San Francisco, San Francisco, California

UCDAVIS HEALTH

Elizabeth H. Moore, M.D.

Board Certifications

American Board of Radiology, Diagnostic Radiology, 1983
Board Certified, Cardiovascular Computed Tomography, 2008

Professional Memberships

American Roentgen Ray Society
Radiologic Society of North America
Society of Cardiovascular Computed Tomography
Society of Thoracic Radiology

Honors and Awards

Certificate of Merit, Scientific Exhibit RSNA, 1996

Select Recent Publications

Moore EH. Percutaneous lung biopsy: an ordering clinician's guide to current practice. *Semin Respir Crit Care Med.* 2008 Aug;29(4):323-34

Moore EH. Percutaneous biopsy in lung cancer. Semin Roentenol 40(2):154-70, 2005

Louie J, McGahan JP, Moore EH, Goodnight J, Brock J. Radiofrequency ablation of lung metastasis using sonographic guidance. J Ultrasound Med. 23(9):1241-4, 2004

Moore EH, Gaensler EHL. AIDS in the Tropics (Updated). In: Reeders JWAJ and Goodman PC eds. *Radiology of AIDS, A Practical Approach*. Springer-Verlag Publishers, 223-262, 2001.

Moore EH, Gaensler EHL. The Acquired Immunodeficiency Syndrome (AIDS) in the Tropics. In: Reeder MM and Palmer PES eds. *The Imaging of Tropical Diseases with Epidemiological, Pathological and Clinical Correlation. 2nd ed.*, Vol. 1, Springer-Verlag Publishers, 681-740, 2000.

Moore EH. Technical aspects of needle aspiration lung biopsy: a personal perspective. Radiology 208:303-318, 1998.

Moore EH. Needle aspiration lung biopsy. A comprehensive approach to complication reduction. Journal of Thorac Imag 12:259-271, 1997.

Moore EH, Russell LA, Klein JS, White CS, McGuinuess G., et. al. Bacillary angiomatosis in patients with AIDS: multiorgan imaging findings Radiology 1995;197:67-72, 1995.

Moore EH, Shelton DK, Wisner ER, Richardson ML, Bishop DM, Brock JM. Needle aspiration lung biopsy: reevaluation of the blood patch technique in an equine model. Radiology 196:183-186, 1995.

Moore EH, Greenberg RW, Merrick SH etal. Coronary artery calcitications: significance of incidental detection on chest CT scans. Radiology 1989 Sep; 172(3): 711-16.

UCDAVIS HEALTH

Sima Naderi, M.D.

Clinical Interests	Dr. Naderi's clinical interests focus on abdominal and pelvic imaging in adults. This includes CT, MRI, and ultrasound. She is particularly interested in percutaneous nonvascular procedures using CT and ultrasound for guidance, including biopsy, drain placement and slerotherapy. She is avidly involved in the training of Radiology residents.
Title	Assistant Clinical Professor Associate Program Director, Radiology Residency Program
Specialty	Radiology, Radiology - Abdominal Imaging, Radiology - Body MRI, Radiology - Interventional Radiology
Department	Radiology
Division	Abdominal Imaging
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., Chicago Medical School, Chicago, Illinois, 2001 B.S.|B.A., UC San Diego, La Jolla, California, 1996
Internships	Kern Medical Center, Bakersfield, California, 2001-2002
Residency	University of California, Davis, Medical Center, Sacramento, California, 2002-2006
Fellowships	University of California, Davis, Medical Center, Sacramento, California, 2006-2007
Board Certifications	American Board of Radiology, 2006
Professional Memberships	American College of Radiology American Roentgen Ray Society Association of Program Directors in Radiology Radiological Society of North America
Select Recent Publications	Gerscovich EO, Naderi S, Gandour-Edwards RF. Serious papillary carcinorma of the tunica vaginalis testis. Journal of Ultrasound in Medicine. 2011 (30):418-22.

UCDAVIS HEALTH

Sima Naderi, M.D.

Harms NJ, Naderi S, Borys D, Bold RJ, Canter RJ.Complex diaphragm reconstruction using dermal collagen matrix after multivisceral resection of retroperitoneal sarcoma. J Thorac Cardiovasc Surg. 2010 Apr;139(4):1081-3.

Lin FI, Kim I, Bateni C, Yen P, Foster CC, Naderi S, Monsky W, Hagge R, Badawi R. Assessment of the Iterative Watershed Segmentation Method for Evaluating Interval Change in Hepatic Tumor Volumetrics. 95th RSNA Annual Metting absttact book

Naderi S. Ultrasound: cystic adnexal mass with negative HCG. In: O'Brien WT. *Diagnostic imaging casebased board review: top 3 differential diagnoses for common radiographic findings*. New York, NY: Thieme, 2009

Naderi S. Ultrasound: enlarged ovary. In: O'Brien WT. *Diagnostic imaging case-based board review: top 3 differential diagnoses for common radiographic findings*. New York, NY: Thieme, 2009.

Naderi S. Ultrasound: enlarged painful testes. In: O'Brien WT. *Diagnostic imaging case-based board review: top 3 differential diagnoses for common radiographic findings*. New York, NY: Thieme, 2009

Naderi, S., McGahan, John P. A Primer for Fetal Cardiac Imaging: A Stepwise Approach for 2-dimensional Imaging. *Ultrasound Quarterly*. 24(3):195-206, Sept. 2008.

El Kady, et al. Congenital Cardiac Left Ventricular Aneurysm with Pericardial Effusion: Early Prenatal Diagnosis and Intervention. *J. Ultrasound Med.*, Vol 24, Issue 7, pp 1011-1015, 2005.

UCDAVIS HEALTH

Arzu Ozturk, M.D.

Clinical Interests	Dr. Ozturk specializes in diagnostic neuroradiology with particular interest in pediatric neuroradiology. Her research interests are advanced MRI techniques including but not limited to Diffusion Tensor Imaging (DTI), tractography, and MR spectroscopy. She is interested in pediatric degenerative disorders, congenital anomalies, imaging of seizure disorders, and brain tumors.
Title	Associate Professor
Specialty	Radiology, Neuroradiology
Department	Radiology
Division	Neuroradiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Turkish
Education	M.D., Hacettepe University Faculty of Medicine, Ankara, Turkey 1996
Internships	Hacettepe University Faculty of Medicine, Ankara, Turkey 1995-1996
Residency	Radiology, Hacettepe University Faculty of Medicine, Ankara, Turkey 1999-2004
Fellowships	Pediatric Radiology, Johns Hopkins, Baltimore MD 2009-2010 Neuroradiology, Johns Hopkins, Baltimore MD 2010-2012
Board Certifications	American Board of Radiology, Diagnostic Radiology
Professional Memberships	American Society of Neuroradiology Radiological Society of North America
Select Recent Publications	Ozturk A, Aygun N, Smith SA, Caffo B, Calabresi PA, Reich DS. Axial 3D gradient-echo imaging for improved multiple sclerosis detection in the cervical spinal cord at 3T. Neuroradiology. 2013

UCDAVIS HEALTH

Arzu Ozturk, M.D.

Mar; 55(4):431-9.

Ozturk A, Degaonkar M, Matson MA, Wells CT, Mahone EM, Horska A. MR spectroscopy correlates of frontal lobe function in healthy children. AJNR Am J Neuradiol. 2009 Aug;30(7): 1308-14.

Ozturk A, Sasson AD, Farrell JAD, Landman BA, da Motta ACBS, Aralasmak A, Yousem DM. Regional Differences in Diffusion Tensor Imaging Measurements:Assessment of Intra-rater and Inter-rater Variability. AJNR Am J Neuradiol. 2008 Jun;29(6):1124-7.

Ozturk A, Yousem DM, Mahmood A, El Sayed S. Prevalence of Asymmetry of Mamillary Body and Fornix Size on MR Imaging. AJNR Am J Neuroradiol. 2008 Feb;29(2):384-7.

Ozturk A, Saatci I, Akmangit I, Erdoan C, Ozer E, Pamuk AG, Cekirge HS. Focal increased cortical density in immediate postembolization CT scans of patients with intracranial aneurysms. AJNR Am J Neuroradiol. 2006 Oct;27(9):1866-75.

Reich DS, Ozturk A, Calabresi PA, Mori S. Automated vs. conventional tractography in multiple sclerosis: variability and correlation with disability. Neuroimage. 2010 Feb 15;49(4):3047-56.

Ozturk A, Smith SA, Gordon-Lipkin EM, Harrison DM, Shiee N, Pham DL, Caffo BS, Calabresi PA, Reich DS. MRI of the corpus callosum in multiple sclerosis: association with disability. Mult Scler. 2010 Feb;16(2):166-77.

Eran A, Ozturk A, Aygun N, Izbudak I. Medulloblastoma: atypical CT and MRI findings in children. Pediatr Radiol. 2010 Jul;40(7):1254-62. Review.

UCDAVIS HEALTH

Arzu Ozturk, M.D.

Oguz KK, Ozturk A, Cila A. Diffusion-weighted MR imaging and MR spectroscopy in glutaric aciduria type-1. Neuroradiology. 2005 Mar 47(3): 229-34.

UCDAVIS HEALTH

Chirag V. Patel, M.B.B.S.

Chirag V. Patel welcomes LGBT patients.

Clinical Interests
Dr. Patel is fellowship trained in both pediatric radiology and Musculoskeletal radiology. His clinical interests include optimization of MRI studies for pediatric patients with focus on body and musculoskeletal MRI. He also has an interest in musculoskeletal imaging for the age group of growing child and young adult.
He also has a strong interest in education of medical students, residents and fellows.

Title
Assistant Professor

Specialty
Pediatric Radiology, Musculoskeletal Radiology

Department
Radiology

Division
Pediatric Radiology

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)

Languages
Gujarati, Hindi

Education
M.B.B.S., B J Medical College, Ahmedabad, India 2001

Internships
Radiology, B J Medical College and Civil Hospital, Ahmedabad, India 2001-2002

Residency
Radiology, B J Medical College and Civil Hospital, Ahmedabad, India 2002-2004

Fellowships
Musculoskeletal Radiology, UC Davis Medical Center, Sacramento CA 2014-2015
Pediatric Radiology, UC San Francisco Children's Hospital, San Francisco CA 2007-2008
Interventional Radiology, University of Iowa Hospital and Clinics, Iowa City IA 2006-2007

Board Certifications
American Board of Radiology, 2012
American Board of Radiology, Pediatric Radiology, 2015

Professional Memberships
American Roentgen Ray Society
Pacific Coast Pediatric Radiology Association
Society of Pediatric Radiology

UCDAVIS HEALTH

Chirag V. Patel, M.B.B.S.

Honors and Awards

Junior Faculty Radiology Teaching Excellence Award, Department of Radiology, UC Davis 2013, 2015

Select Recent Publications

Patel CV. The foot and ankle: MR imaging of uniquely pediatric disorders. Radiol Clin North Am. 2009 Nov; 47(6): 1029-1036. Review.

Sanchez TR, Chang J, Bauer A, Joyce NC, Patel CV. Dynamic sonographic evaluation of posterior shoulder dislocation secondary to brachial plexus birth palsy injury. J Ultrasound Med. 2013 Sep; 32(9):1531-4.

Rauschecker AM, Patel CV, Yeom KW, Eisenhut CA, Gawande RS, O'Brien JM, Ebrahimi KB, Daldrup-Link HE. High-resolution MR imaging of the orbit in patients with retinoblastoma. Radiographics. 2012 Sep-Oct;32(5):1307-26.

Sanchez TR, Potnick A, Graf JL, Abramson LP, Patel CV. Sonographically guided enema for intussusception reduction: a safer alternative to fluoroscopy. J Ultrasound Med. 2012 Oct;31(10): 1505-8.

Darren S, Patel C, Imashuku S, Shimada H, Satake N. Neuroblastoma of unknown primary with periorbital bone metastasis in a child. Pediatric Blood and cancer. 2010 Aug; 55(2):361-3.

Patel CV. Benign expansile lytic lesion; Right upper-quadrant mass in young child; Striated nephrogram. In: O'Brien WT. Top 3 Differentials in Radiology: A Case Review. New York: Thieme, November 2009.

UCDAVIS HEALTH

Rex M. Pillai, M.D.

Rex M. Pillai welcomes LGBT patients.

Philosophy of Care

Patients and their physicians turn to me to assist in the care of complex medical problems using the safe, minimally-invasive and innovative technologies the field of interventional radiology is built upon. I strive to provide individualized care to each of my patients based on the latest scientific evidence, practice experience from training at some of the nations' top institutions, and above all, their specific needs.
As an image-guided specialist, my patients are offered targeted, minimally-invasive, therapeutic options for diseases that have historically been untreatable or required extensive and morbid surgical operations.

Clinical Interests

Rex Pillai, M.D., an assistant clinical professor, is a minimally-invasive vascular and image-guided specialist performing diagnostic and interventional procedures for adult and pediatric patients. He has expertise in tumour-directed arterial therapy (chemo and radioembolization), tumor ablation and high-intensity focused ultrasound therapies focusing on liver, kidney and bone cancers.
He treats female patients with symptomatic fibroids (uterine fibroid embolization) and pelvic congestion syndrome as well as male patients with varicoceles. His specialized clinical interests also include the treatment of vascular and lymphatic malformations, and pediatric percutaneous and endovascular image-guided interventions.

Research/Academic Interests

My research interests include application of high-intensity focused ultrasound in treating pediatric solid-organ tumors, novel treatments for vascular malformations, evaluating treatment methodologies and responses of hepatic tumours to radioembolization and biomedical device development.

Title

Assistant Clinical Professor, Interventional Radiology

Specialty

Adult and Pediatric Interventional Radiology, Diagnostic Radiology, Pediatric Radiology

Department

Radiology

Division

Interventional Radiology

Center/Program Affiliation

Vascular Center
UC Davis Children's Hospital

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

UCDAVIS HEALTH

Rex M. Pillai, M.D.

Additional Phone	Phone: 916-703-2177 Phone: 916-734-7809 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., Ross University School of Medicine, Iselin NJ & Portsmouth WI 2009 B.Sc., University of British Columbia, Vancouver, Canada 2004
Internships	General Surgery, Mount Sinai School of Medicine, New York NY 2009-2010
Residency	Diagnostic Radiology, Mount Sinai School of Medicine, New York NY 2010-2014
Fellowships	Vascular & Interventional Radiology, The Cleveland Clinic, Cleveland OH 2015-2016 Pediatric Imaging and Interventional Radiology, UC Los Angeles Medical Center, Los Angeles CA 2014-2015
Board Certifications	American Board of Radiology, 2015
Professional Memberships	American College of Radiology American Roentgen Ray Society Radiological Society of North America Society of Interventional Radiology Society of Pediatric Interventional Radiology Society of Pediatric Radiology
Honors and Awards	Research Award, UCLA Medical Center, 2015 Research Scholar Award, American Gastroenterology Association, 2005
Select Recent Publications	Truscott L, Gell J, Chang VY, Lee H, Strom SP, Pillai R, Sisk A, Martinez-Agosto JA, Anderson M, Federman N. Novel association of familial testicular germ cell tumor and autosomal dominant polycystic kidney disease with PKD1 mutation. Pediatr Blood Cancer. 2017 Jan;64(1):100-102.
	Pillai R, Kapoor B. Management of Complications of Portal Hypertension: Special Considerations. In: Kapoor B, Madoff C, editors. Digestive Disease Interventions, First edition. Thieme, New York, NY. 2017. In print.

UCDAVIS HEALTH

Rex M. Pillai, M.D.

Pillai R, McLennan G, Martin C 3rd. The makings of an ideal interventional radiology clinical clerkship: Survey results of medical students and interventional radiology educators to improve medical student training in preparation for the IR/DR residency (accepted by Society of Interventional Radiology, 2016)

Martin C 3rd, Pillai R. Dialysis Access Anatomy and Interventions: A Primer. Semin Intervent Radiol. 2016 Mar;33(1):52-5.

Pillai R, Ghahrehmani S. Utilizing T2* MRI as an alternative to percutaneous biopsy in assessing hepatic iron concentration in pediatric patients with hemochromatosis (accepted by Society of Computed Body Tomography and Magnetic Resonance, 2015)

Assi K, Pillai R, Gómez-Muñoz A, Owen D, Salh B. The specific JNK inhibitor SP600125 targets tumour necrosis factor-alpha production and epithelial cell apoptosis in acute murine colitis. Immunology. 2006 May;118(1):112-21.

UCDAVIS HEALTH

Bahman Sayyar Roudsari, M.D., M.P.H., Ph.D.

Bahman Sayyar Roudsari welcomes LGBT patients.

Clinical Interests	Dr. Roudsari's clinical interests include: Interventional Oncology Tumor Ablation, Hepatobiliary Interventions and Vein Recanalization.
Title	Assistant Professor of Radiology
Specialty	Radiology, Radiology - Interventional Radiology
Department	Radiology
Division	Interventional Radiology
Center/Program Affiliation	Vascular Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Farsi
Education	M.D., Tehran University of Medical Sciences, Tehran Iran 1999 M.P.H., Public Health, University of Washington, Seattle WA 2004 Ph.D., Epidemiology, University of Washington, Seattle WA 2006
Internships	Surgery, Swedish Medical Center, Seattle WA 2010-2011
Residency	Radiology, University of Washington, Seattle WA 2011-2015
Fellowships	Interventional Radiology, UC Los Angeles, Los Angeles CA 2015-2016
Board Certifications	American Board of Radiology, 2016
Professional Memberships	Society of Interventional Radiology
Honors and Awards	AARS Bronze Medal In Efficacy, Education, Administration, Informatics, 2014 Silver Medal In Efficacy, Education, Administration, Informatics, 2013

UCDAVIS HEALTH

Bahman Sayyar Roudsari, M.D., M.P.H., Ph.D.

RAHSR-ACR Award for Socioeconomic and Health Services Research 2010, 2012
Young Investigator Award, University of Texas, Health Science Center in Houston, 2009

Select Recent Publications

Roudsari B, McWilliams J, Bresnahan B, Padia S. Introduction to cost analysis in interventional radiology: challenges and opportunities. JVIR. 2016 Apr;27(4):539-545.

Modaghegh MH, Roudsari B, Hafezi S. Digital pressure and oxygen saturation measurements in the diagnosis of chronic hemodialysis access-induced distal ischemia. J Vasc Surg. 2015 Mar 28. pii: S0741-5214(15)00274-8.

Padia S, Kwan S, Roudsari B, Monsky W, Coveler A, Harris W. Superselective radioembolization: results of Yttrium 90 radiation segmentectomy for hepatocellular carcinoma. J Vasc Interv Radiol. 2014 Jul;25(7):1067-73.

Roudsari B, Psoter KJ, Padia S, Kogut M, Kwan S. Utilization of angiography and embolization for abdominopelvic trauma: fourteen years' experience at a level I trauma center. AJR. 2014 Jun;202 (6):W580-5.

Psoter KJ, Roudsari B, Mack C, Vavilala MS, Jarvik JG. Outcomes and Resource Utilization Associated With Underage Drinking at a Level I Trauma Center. J Adolesc Health. 2014 Mar 21. pii: S1054-139X.

UCDAVIS HEALTH

Thomas Ray Sanchez, M.D.

Clinical Interests	Dr. Sanchez's clinical interests include: Childhood Intussusception, Non-accidental trauma, Low-dose CT, and Pediatric tumors.
Title	Associate Professor of Radiology Director of Pediatric Body CT
Specialty	Pediatric Radiology, Radiology
Department	Radiology
Division	Pediatric Radiology
Center/Program Affiliation	UC Davis Children's Hospital
Languages	Filipino, Tagalog
Education	M.D., University of the Philippines College of Medicine, Manila, Philippines 1999 B.S., University of Philippines, Diliman, Quezan City, Philippines 1993
Internships	Philippine General Hospital, Manila, Philippines, 1999
Residency	Diagnostic Radiology, Philippine General Hospital, Manila, Philippines, 2004
Fellowships	Pediatric Radiology, University of Texas Medical Branch, Galveston TX 2008
Board Certifications	American Board of Radiology American Board of Radiology, Pediatric Radiology Philippine Board of Radiology Philippine Medical Board
Professional Memberships	American Roentgen Ray Society Philippine College of Radiology Philippines Medical Association. Radiological Society of North America Society of Pediatric Radiology
Honors and Awards	Ella Preiskel Award - Royal College of Radiology, London UK, 2014
Select Recent Publications	Thomas Ray Sanchez, Angelo Don Grasparil, Ruchir Chaudhari, Kevin Coulter, Sandra L., Wootton-Gorges. Radiographic characteristics of rib fractures in child abuse – The role of low dose

UCDAVIS HEALTH

Thomas Ray Sanchez, M.D.

chest CT. Pediatric Emergency Care. 2015 Jan 12 [epub ahead of print].

Thomas Ray Sanchez, Yanhong Zhang, Sanjay Jhawar. The role of high-resolution chest CT in the diagnosis of neuroendocrine cell hyperplasia of infancy – A rare form of pediatric interstitial lung disease. Julia Lee . Respiratory Medicine Case Reports. 2015 16: 101-103.

Thomas Ray Sanchez, Grant S. Holz, Michael T. Corwin, Robert J. Wood, Sandra L. Wootton-Gorges. Follow-up barium study after a negative water-soluble contrast examination for suspected esophageal leak: is it necessary? Emergency Radiology. 2015; 22(5):539-42.

Justin Lee, Thomas Ray Sanchez, Sandra L. Wootton-Gorges MD. Malignant renal masses in children. J of Kidney Cancer and VHL. 2015; 2(3):84-89.

Thomas Ray Sanchez , Brandon Doskocil, Rebecca Steinwexler. Non-operative management of childhood intussusception - retrospective comparison between ultrasound and fluoroscopy guidance. J of Ultrasound in Medicine. 2015 Jan:34(1): 59-63.

Thomas Ray Sanchez, Justin Lee, J. Anthony Siebert, Kevin Coulter, Rebecca Stein-Wexler. CT of the chest in suspected child abuse using submillisievert radiation dose. Pediatric Radiology. 2015 45(7): 1072-6.

Thomas Ray Sanchez, Jonathan Ducore, Jay Balagtas, Christopher Molloy, Sandra L, Wootton-Gorges. WARM N COLD: Malignant and benign pediatric renal tumors. Emergency Radiology. 2014 21(3) 261-9.

Dynamic sonographic evaluation of posterior shoulder dislocation secondary to brachial plexus birth palsy injury. Thomas Ray Sanchez M.D., Jennifer Chang, M.D, Andrea Bauer, M.D., Nanette Joyce D.O., Chirag V. Patel M.D. *Journal of Ultrasound in Medicine*. 2013. 32(9):1531-1534.

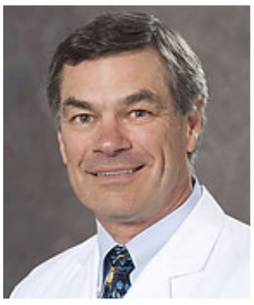
UCDAVIS HEALTH

Thomas Ray Sanchez, M.D.

Retrospective evaluation and dating of non-accidental rib fractures in infants. Thomas Ray Sanchez, MD., Ho Nguyen, MD., Kevin Coulter, MD. *Clinical Radiology*. (2013) 467-471.

Thomas Ray S. Sanchez, Stewart D, Walvick, M Swischuk LE, Skull fractures vs. accessory sutures: How can we tell the difference? Journal of Emergency Radiology 2010 Sept;17(5):413-418.

UCDAVIS HEALTH



J. Anthony Seibert, Ph.D.

Clinical Interests

Dr. Seibert's role at the clinical level involves acceptance testing and quality control for radiological imaging equipment used in the departments of radiology, surgery, medicine and other sites at UC Davis Medical Center and UC Davis Health System.

An expert in digital radiography, Dr. Seibert specializes in using digital techniques and quantitative applications for digital x-ray fluorography, projection imaging, mammography, computed tomography and ultrasound/magnetic resonance imaging. Research efforts include assistance to the UC Davis Radiology Breast CT tomography project and several ongoing radiation dose awareness and monitoring projects with collaborators at other University of California Medical Centers.

As Associate Chair of Informatics, Dr. Seibert contributes to the department's implementation of electronic imaging, radiation dose monitoring, and image-processing capabilities for the UC Davis Health System. Other roles include writing specifications for new equipment, determining shielding specifications for x-ray room installations, educating physicians, radiology residents and graduate students in diagnostic imaging physics, and providing radiation dosimetry estimates for radiological examinations.

Dr. Seibert is co-author, along with other faculty in the department of the widely used physics text,"The Essential Physics of Medical Imaging," and is extensively involved in physics education and training. On the national scene, Dr. Seibert takes an active role in continuing professional development and education. Previous positions include past President of the Society for Imaging Informatics in Medicine (2004-2006), and past President of the American Association of Physicists in Medicine (2010-2012). Currently, Dr. Seibert serves as a member of the National Council on Radiation Protection and Measurements (2014-2018), is on the Fellowship Committee of the American College of Radiology (2016-2017), and is a Trustee of the American Board of Radiology, representing Diagnostic Medical Physics (2013-2017).

Title Professor

Specialty Medical Physics, Radiology

Department Radiology

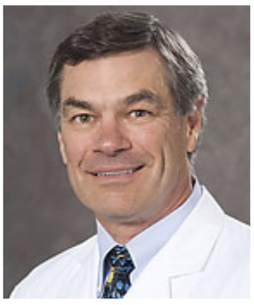
Division Radiology Physics

Education

Ph.D., Radiological Sciences, UC Irvine, Irvine CA 1983

B.S., Biological Sciences, UC Irvine, Irvine CA 1976

UCDAVIS HEALTH



J. Anthony Seibert, Ph.D.

B.A., Chemistry, UC Irvine, Irvine CA 1977
M.S., Radiological Sciences, UC Irvine, Irvine CA 1981

Board Certifications

American Board of Imaging Informatics - Certified Imaging Informatics Professional, 2007
American Board of Radiology, Diagnostic Radiology, 1986
American Board of Radiology, Therapeutic Radiological Physics, 1986

Professional Memberships

American Association of Physicists in Medicine
American Board of Imaging Informatics
American Board of Radiology MOC
American College of Radiology
Radiological Society of North America
Society for Imaging Informatics in Medicine

Honors and Awards

American Board of Imaging Informatics - Chairman 2012, 2013, 2014
American Association of Physicists in Medicine - President 2010, 2011, 2012
Radiological Society of North America - Third Vice-President, 2008
Society for Imaging Informatics in Medicine - Chairman 2004, 2005, 2006
Society for Imaging Informatics in Medicine - Fellow, 2009
American College of Radiology - Fellow, 2009
American Association of Physicists in Medicine - Fellow, 1999

Select Recent Publications

Hess CB, Thompson HM, Benedict SH, Seibert JA, Wong K, Vaughan AT, Chen AM. Exposure Risks Among Children Undergoing Radiation Therapy: Considerations in the Era of Image Guided Radiation Therapy. Int J Radiat Oncol Biol Phys. 2016 Apr 1;94(5):978-92.

Boone JM, Mahesh M, Gingold EL, Seibert JA. A Call for the Structured Physicist Report. J Am Coll Radiol. 2016 Mar;13(3):307-9.

Corwin MT, Seibert JA, Fananapazir G, Lamba R, Boone JM. JOURNAL CLUB: Quantification of Fetal Dose Reduction if Abdominal CT Is Limited to the Top of the Iliac Crests in Pregnant Patients With Trauma. AJR Am J Roentgenol. 2016 Apr;206(4):705-12.

Hernandez AM, Seibert JA, Boone JM. Breast dose in mammography is about 30% lower when

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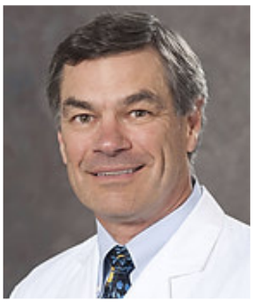


J. Anthony Seibert, Ph.D.

realistic heterogeneous glandular distributions are considered. Med Phys. 2015 Nov;42(11):6337-48.

Nosratieh A, Hernandez A, Shen SZ, Yaffe MJ, Seibert JA, Boone JM. Mean glandular dose coefficients (D(g)N) for x-ray spectra used in contemporary breast imaging systems. Phys Med Biol. 2015 Sep 21;60(18):7179-90.

Smilowitz JB, Das IJ, Feygelman V, Fraass BA, Kry SF, Marshall IR, Mihailidis DN, Ouhib Z, Ritter T, Snyder MG, Fairobent L; AAPM Medical Physics Practice Guideline Task Group. AAPM Medical Physics Practice Guideline 5.a.: Commissioning and QA of Treatment Planning Dose Calculations - Megavoltage Photon and Electron Beams. J Appl Clin Med Phys. 2015 Sep 8;16(5):5768.

Gazi PM, Yang K, Burkett GW Jr, Aminololama-Shakeri S, Seibert JA, Boone JM. Evolution of spatial resolution in breast CT at UC Davis. Med Phys. 2015 Apr;42(4):1973-81.

Dodd GD 3rd, Allen B Jr, Birzniek D, Boland GW, Brink JA, Dreyer KJ, Khandheria P, Kruskal JB, Ricci P, Seibert JA, Zane R. Reengineering the radiology enterprise: a summary of the 2014 Intersociety Committee Summer Conference. J Am Coll Radiol. 2015 Mar;12(3):228-34.

Sanchez TR, Lee JS, Coulter KP, Seibert JA, Stein-Wexler R. CT of the chest in suspected child abuse using submillisievert radiation dose. Pediatr Radiol. 2015 Jul;45(7):1072-6.

Morin RL, Seibert JA, Boone JM. Radiation dose and safety: informatics standards and tools. J Am Coll Radiol. 2014 Dec;11(12 Pt B):1286-97.

UCDAVIS HEALTH

Simran Sekhon, M.B.B.S.

Clinical Interests	Abdomino-pelvic CT, MRI, Ultrasound. OB-GYN ultrasound.
Title	Assistant Clinical Professor
Specialty	Radiology, Radiology - Abdominal Imaging
Department	Radiology
Division	Abdominal Imaging
Languages	Hindi, Punjabi
Education	M.B.B.S., Kasturba Medical College, Manipal, Karnataka, 2002
Internships	University of Florida, Gainesville , FL, 2004-2005
Residency	St. Francis Hospital, Evanston, IL, 2005-2009
Fellowships	UC Davis Medical Center, Sacramento, CA, 2009-2010
Board Certifications	American Board of Radiology, 2009
Professional Memberships	RSNA, AIUM

UCDAVIS HEALTH

David K. Shelton, Jr., M.D.

Clinical Interests Dr. Shelton specializes in nuclear medicine, PET-CT, and some aspects of diagnostic radiology. He is studying cardiothoracic radiology, nuclear medicine, computer networking systems in nuclear radiology, functional cardiac protocols, and tumor work-up and staging with functional imaging. Dr. Shelton helped pioneer the development of transesophageal echocardiography, and has presented nationally on osteoporosis, skeletal metastases in lung cancer patients, thyroid carcinoma, cardiovascular MRI, PET-CT, and SPECT. He has authored seventeen radiology textbook chapters and is a reviewer for several scientific journals including The Journal of Nuclear Medicine and the Journal of Thoracic Imaging.

Title Professor Emeritus

Specialty Cancer, Radiology, Radiology - Nuclear Medicine, Radiology - Pulmonary Radiology

Department Radiology

Division Nuclear Medicine
Pulmonary Radiology

Center/Program Affiliation UC Davis Comprehensive Cancer Center

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Phone: 916-734-0655

UC Davis Medical Center, 2315 Stockton Blvd. Suite 1893 Sacramento, CA 95817

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

Education M.D., Wake Forest University (Bowman Gray School of Medicine), Winston-Salem, North Carolina, 1974
B.S., U.S. Air Force Academy, Colorado Springs, Colorado, 1970

Internships Wilford Hall USAF Medical Center, San Antonio, Texas, 1975-1976

Residency Wilford Hall USAF Medical Center, San Antonio, Texas, 1978-1981

Fellowships David Grant USAF Medical Center, Travis, California, 1987-1988

UCDAVIS HEALTH

David K. Shelton, Jr., M.D.

Board Certifications

American Board of Radiology, 1981

American Board of Radiology, Nuclear Radiology, 1988

Professional Memberships

American College of Military Surgeons

American Medical Association

American Roentgen Ray Society

Association of University Radiologists

Northern California Society of Nuclear Medicine

President, Northern California Chapter, Society of Nuclear Medicine

Radiological Society of North America

Sierra Valley Nuclear Medicine Association

Society of Air Force Physicians, American College of Physicians

Society of Flight Surgeons

Society of Nuclear Medicine

Society of Thoracic Radiology

Honors and Awards

Best Doctors in Sacramento, Sacramento Magazine, 2001

Outstanding Teacher of the Year, University of California, Davis, Department of Radiology, 2000

Best Doctors in America, Woodward/White Inc., 1998

Legion of Merit (Highest Peacetime Award for National Service), David Grant Medical Center, 1992

Select Recent Publications

Cameron C Foster MD, David K Shelton MD. PET/CT: Positive Partnership. Medical Imaging Technology, SPG Media, London, (3) pp 15-17, 2009.

Lin FI, Foster CC, Hagge RJ, Shelton DK. Extensive FDG uptake in accessory muscles of respiration in a patient with shortness of breath. Clinical Nuclear Medicine, July, 34(7): 428-430, 2009.

Tzeng DZ, Leslie KO, Shelton D, Chan A. Unusual dyspnea in a woman with CREST Syndrome. CHEST, 133: 286-290, 2008.

Yoneda KY, Hardin KA, Gandara DR, Shelton DK. Interstitial lung disease associated with epidermal growth factor receptor tyrosine kinase inhibitor therapy in non-small-cell lung carcinoma. Clin Lung Cancer, 8 Suppl 1: S31-5, 2007.

Hillegonds DJ, Franklin S, Shelton DK, Vijayakumar S, Vijayakumar V. The management of painful bone metastases with an emphasis on radionuclide therapy. J Natl Med Assoc, 99(7): 785-94, 2007.

Yoneda KY, Shelton DK, Beckett LA, Gandara DR. Independent review of interstitial lung disease associated with death in TRIBUTE (paclitaxel and carboplatin with or without concurrent erlotinib) in advanced non-small cell lung cancer. J Thorac Oncol, 2(6): 537-43, 2007.

UCDAVIS HEALTH

David K. Shelton, Jr., M.D.

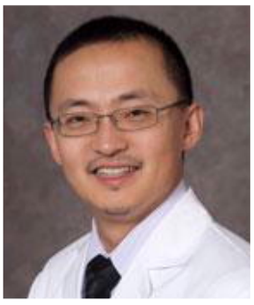
Zeng Q, Anderson K, Shelton D, Shonket R, Boone J, Badawi R. A tumor metrics measurement and tracking system. J Nucl Med, 48(5): Supp 200P, 2007.

Yoneda KY, Morrissey BM, Shelton DK. Mediastinal tumors -- A diagnostic approach. US Respiratory Care, 89-93, 2006.

von Haag DW, Follette DM, Roberts PF, Shelton D, Segel LD, Taylor TM. Advantages of positron emission tomography over computed tomography in mediastinal staging of non-small cell lung cancer. J Surg Res, 103(2): 160-4, 2002.

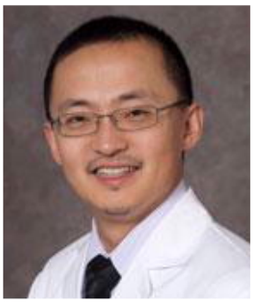
Brunader R, Shelton DK. Radiologic bone assessment in the evaluation of osteoporosis. Am Fam Physician, 65(7): 1357-64, 2002.

UCDAVIS HEALTH



Peter Yi Shen, M.D.

Clinical Interests	Clinical interests includes: brain tumor imaging, neurodegenerative disease, spine imaging and therapy. Research area of interests include: advance MRI imaging techniques, diffusion diffusion tensor MRI and perfusion MRI.
Title	Assistant Professor of Clinical Radiology
Specialty	Radiology - Neuroradiology
Department	Radiology
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817 **Phone:** 916-734-0655
Languages	Chinese (Mandarin)
Education	M.D., State University of New York, Downstate College of Medicine, New York, New York, 2005 B.S., UCLA, Los Angeles, California, 2001
Internships	Arrowhead Regional Medical Center, Colton, CA, 2006
Residency	State University of New York / Downstate Medical Center, Brooklyn, NY, 2010
Fellowships	University of California, San Francisco, San Francisco, CA, 2012
Board Certifications	American Board of Radiology, 2010 National Board of Medical Examiners, 2005
Professional Memberships	American College of Radiology American Institute of Chemical Engineering American Society of Neuroradiology New York Academy of Science Phi Beta Kappa Honor Society Radiological Society of North America Tau Beta Pi Engineering Honor Society
Honors and Awards	Distinction in Research, State University of New York Downstate, College of Medicine, Class of



Peter Yi Shen, M.D.

2005, 2005

Radiological Society of North America (RSNA) Medical Student Departmental Grant, Columbia University, 2005

Exceptional Academic Achievement Award, UCLA Chemical Engineering, Class of 2001, 2001

Valedictorian of UCLA School of Engineering with Service Distinction, Class of 2001, 2001

Who's Who in Science and Engineering, 2000

UCDAVIS HEALTH

Rebecca Stein-Wexler, M.D.

Rebecca Stein-Wexler welcomes LGBT patients.

Philosophy of Care

I have been involved in radiology education for 19 years as well, initially as an attending radiologist at Bryn Mawr's radiology residency and then for the past 15 years as an attending radiologist at UC Davis (UCD). For the past 8 years I have served as UCD's Radiology Residency Director. My active involvement in global radiology education outreach began in February 2013, when I joined an ACR "Educate Haiti" trip as an invited speaker. While on that trip, I sought out both the pediatrics and the radiology residency directors, as I wanted to expand my education efforts to a developing nation.

Since that first trip, I have traveled to Haiti 3 times for week-long intensive education outreach. On these trips, I teach both radiology and pediatrics residents. I include residents from UCD on most trips, with the goal of building a future generation of radiologists with a strong interest in global outreach. I have recruited UCD faculty and our alumni to teach in Haiti as well. I have also lectured radiology residents being trained in five hospitals in the vicinity of Jeddah, Saudi Arabia and am planning additional trips to Malawi and Rwanda.

I strongly believe that education is sustainable in a way that on-site provision of medical services is not. I want to train radiologists and other health care practitioners in developing nations, so that they can then provide health care and also train future generations. I want the people I teach to make me obsolete.

Clinical Interests

Dr Stein-Wexler focuses her clinical interests on general pediatric imaging and in particular musculoskeletal imaging.

In addition, she is involved with global radiology education outreach in underserved areas. She has organized a collaboration between the UC Davis department of radiology and the only radiology residency in Haiti. This provides an opportunity for UC Davis faculty, alumni, and residents to teach in Haiti, and also an opportunity for the Haitian residents to visit UC Davis as observers. She teaches pediatric radiology education elsewhere as well (Saudi Arabia, Malawi, Rwanda), educating both clinicians and radiologists.

Research/Academic Interests

Intussusception Reduction: I mentored a group of bioengineering undergraduate students at UCD, helping them develop a device that simulates reducing intussuceptions. Almost half of all radiology residents will not be involved with an intussusception reduction procedure during their residency. However, many will be expected to reduce intussusceptions upon graduation. We developed an educational device that enables residents to practice reducing intussusceptions on a doll—under the guidance of an instructor. The student sees actual fluoroscopic images from intussusception reductions projected on a computer screen whenever they tap a simulated fluoro switch while they

Rebecca Stein-Wexler, M.D.

pump air into the doll. I have also conducted surveys of resident and fellow exposure to intussusception reduction along with surveys of international intussusception reduction practices. I have also conducted research in the field of radiology dose reduction.
In addition, I have edited a major radiology text, Stein-Wexler R, Wootton-Gorges SL, Ozonoff MB. Pediatric Orthopedic Imaging. Springer publishers 2015 and am currently editing a resident-focused pediatric radiology review book, Top 3 Differential Diagnoses in Pediatric Radiology.

Title Assistant Chair, Education
Director, Radiology Residency Program
Director, Global Education and Outreach
Professor

Specialty Radiology, Radiology - Pediatric Radiology

Department Radiology

Division Pediatric Radiology

Center/Program Affiliation UC Davis Children's Hospital

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
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UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817
Phone: 800-2-UCDAVIS (800-282-3284)

Additional Phone Phone: 916-703-2271
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Email rsteinwexler@ucdavis.edu

Languages French, Italian, Spanish

Education M.D., University of Southern California School of Medicine, Los Angeles CA 1987
B.A., UC Berkeley, Berkeley CA 1979

Internships Kaiser Permanente Medical Center, Los Angeles CA 1988-1989

Residency Diagnostic Radiology, Fitzgerald Mercy Medical Center, Darby PA 1992-1995

UCDAVIS HEALTH

Rebecca Stein-Wexler, M.D.

Diagnostic Radiology, Kaiser Permanente Medical Center, Los Angeles CA 1989-1990

Fellowships

Pediatric Radiology, Alfred I. duPont Hospital for Children, Wilmington DE 1996-1997

Board Certifications

American Board of Radiology, Diagnostic Radiology, 1995
American Board of Radiology, Pediatric Radiology, 2009
National Board of Medical Examiners, 1989

Professional Memberships

RadAid International
Radiological Society of North America
Society of Pediatric Radiology

Honors and Awards

Radiology teaching excellence awards, 2013
Phi Beta Kappa, UC Berkeley, 1982
Graduated with high honors (Magna Cum Laude) in English, distinction in general scholarship, UC Berkeley, 1979

Select Recent Publications

Stein-Wexler R, Wootton-Gorges SL, Ozonoff MB. Pediatric Orthopedic Imaging. Springer publishers. 2015.

Sanchez TR, Doskocil B, Stein-Wexler R. Nonsurgical management of childhood intussusception: retrospective comparison between sonographic and fluoroscopic guidance. J of Ultrasound, 2015; 34:59-63.

Sanchez TR, Lee JS, Coulter KP, Seibert JA, Stein-Wexler R, CT of the chest in suspected child abuse using Submillisievert radiation dose. Pediatr Radiol, published Online 06 Dec 2014.

Stein-Wexler R, O'Connor R, Daldrup-Link H, Wootton-Gorges, SL. Current methods for reducing Intussusception: survey results. Pediatr Radio, published Online Nov 2014.

Stein-Wexler R, Wootton-Gorges SL, Ozonoff MB. Pediatric Orthopedic Imaging. Springer publishers 2014.

UCDAVIS HEALTH

Rebecca Stein-Wexler, M.D.

Bateni C, Stein-Wexler R, Wootton-Gorges SL, Li CS. Radiology residents' experience with inussusception reduction. pediatr Radio. 2011;41(6):721-726, June. Epub 2010 Dec 22.
Stein-Wexler R, Bateni C, Wootton-Gorges SL, Li CS. Pediatric radiology fellows' experience with intussusception reduction. Pediatr Radio. 2011 May 13, Epub ahead of print.
Stein-Wexler R, Sanchez T, Roper G, Wexler AS, Arieli PR, Clark H, Li JC, Ozpinar A, Soosman SK. An interactive teaching device simulating insussusception reduction. Pediatr Radiol. 40(11): 1810-1815, November, Epub 2010 Jul 21.
Ton J, Stein-Wexler R, Yen P, Gupta M. Rib head protrusion into the central canal in type 1 neurofibromatosis. Pediatr Radio. 40(12):1902-1909, December, Epub 2010 Aug 3.

2009 Nelson RA, McNamara M, Ellis W, Stein-Wexler R, Moghaddam B, Zwerdling T. Floating-Harbor syndrome and intramedullary spinal cord ganglioglioma: Case report and observations from the literature. Am J Med Genet A. 2009 Sep 16. [Epub ahead of print]

2009 Stein-Wexler R. MR Imaging of soft tissue masses in children. *Magnetic Resonance Imaging Clinics of North America*, 17:489-507. (August 2009)
2008 Stein-Wexler R and Gerscovich E. Ultrasound of the pediatric spine. In: McGahan and Goldberg, *Diagnostic Ultrasound, second edition*. Informa healthcare.

UCDAVIS HEALTH

Catherine T. Vu, M.D., DABR

Catherine T. Vu welcomes LGBT patients.

Philosophy of Care

Interventional Radiology (IR) is a thriving field, delivering minimally invasive treatment over a spectrum of health care needs, from cancer therapy to acute injury management in trauma. Treatments that historically require open surgery can be performed with needles and catheters using image guidance, such as ultrasound, CT and fluoroscopy. IR is at the helm of "cutting edge" medicine. Patients turn to us when they seek treatment alternatives to surgery.
We place quality and patient-centered care at the forefront, providing pre-procedure consultation and post-procedure management. We work collaboratively with primary care providers, as well as all medical and surgical specialties.

Clinical Interests

Dr. Vu's specific clinical interests are interventional oncology, including TACE and Y-90 SIRT, acute and chronic venous interventions, dialysis management, and women's health.
She has a comprehensive venous practice, offering modern techniques in the treatment of both superficial and deep veins, complex IVC filter retrieval, and venous re-canalization.
The scope of her women's health practice includes uterine fibroid embolization, pelvic congestion, and deep venous thrombosis.

Title

Chief- Vascular and Interventional Radiology
Medical Director Interventional Services

Specialty

Interventional Radiology, Radiology - Vascular

Department

Radiology

Division

Interventional Radiology
Vascular and Interventional Radiology

Center/Program Affiliation

Vascular Center

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, Vascular Center, 4860 Y St. Suite 2100 Sacramento, CA 95817
Phone: 916-734-3800

Additional Phone

Phone: 916-734-2024
Phone: Assistant 916-703-2177
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Email

catvu@ucdavis.edu

UCDAVIS HEALTH

Catherine T. Vu, M.D., DABR

Education
M.D., George Washington University, Washington D.C. 2006
B.S., University of San Francisco, San Francisco CA 1994

Internships
Georgetown/Washington Hospital Center, Washington D.C. 2006-2007

Residency
Diagnostic Radiology, University of Colorado, Denver CO 2007-2011

Fellowships
Interventional Radiology, University of Colorado, Denver CO 2011-2012

Board Certifications
American Board of Radiology, Diagnostic Radiology
American Board of Radiology, Vascular and Interventional Radiology

Professional Memberships
American College of Radiology
Society of Interventional Radiology
Western Angiographic & Interventional Society

Honors and Awards
M.D., Distinctive Graduate (top 15%), The George Washington University School, 2006

Select Recent Publications

Fananapazir G, Bashir MR, Corwin MT, Lamba R, Vu CT, Troppmann C. Comparison of ferumoxytol-enhanced MRA with conventional angiography for assessment of severity of transplant renal artery stenosis. J Magn Reson Imaging. 2017 Mar;45(3):779-785.

Fananapazir G, Troppmann C, Corwin MT, Bent CK, Vu CT, Lamba R. Incidence of Contrast-Induced Nephropathy After Renal Graft Catheter Arteriography Using Iodine-Based Contrast Medium. AJR Am J Roentgenol. 2016 Apr:206(4):783-6.

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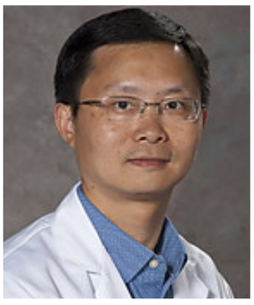

Guobao Wang, Ph.D.

Clinical Interests

Dr. Wang's clinical interests include development, implementation and maintenance of technical excellence in noninvasive medical imaging as well as imaging informatics.

Research/Academic Interests

Dr. Wang's research interest is in the development of dynamic molecular imaging methods (with emphasis on dynamic PET/CT) to visualize and characterize molecular processes quantitatively. His research commonly integrates high-resolution dynamic data acquisition with the design of advanced computational molecular imaging algorithms to derive quantitative imaging biomarkers. In close collaboration with clinicians, Dr. Wang's research group translates these quantitative imaging techniques to improve clinical diagnosis, prognosis and therapy response assessment in various diseases.

Title

Assistant Professor

Specialty

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Languages

Chinese (Mandarin)

Education

M.S., Mechanical Engineering, Shanghai Jiao Tong University, Shanghai, China 2002

Ph.D., Mechanical Engineering, Shanghai Jiao Tong University, Shanghai, China 2005

B.S., China Textile University, Shanghai, China 1999

Professional Memberships

American Heart Association

Institute of Electrical and Electronics Engineers

Society of Nuclear Medicine and Molecular Imaging

Select Recent Publications

GB Wang, J Qi. PET image reconstruction using kernel methods. IEEE Transactions on Medical Imaging. 2015; 34(1): 61-71.

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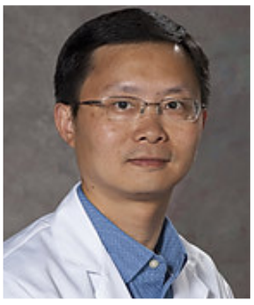

Guobao Wang, Ph.D.

GB Wang, J Qi. Edge-preserving PET image reconstruction using trust optimization transfer. IEEE Transactions on Medical Imaging. 2015; 34(4): 930-939.

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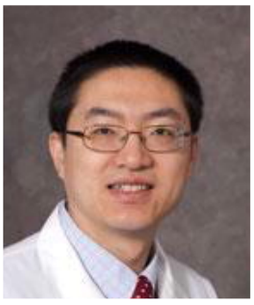

Kai Yang, Ph.D.

Clinical Interests

My focus of research is on advanced imaging technology for cancer detection, diagnosis, and surgical guidance. I have spent the past 8 years working in Dr. John M. Boone's research lab where we have been engaged in the design, development, and evaluation of flat-panel based cone beam computed tomography (CT) for dedicated breast imaging applications in order to improve the early detection of breast cancer.

I have also been closely involved in the on-going clinical trials related to breast cancer imaging, involving various imaging modalities such as breast CT, breast PET/CT, breast tomosynthesis, and multiple imaging tasks such as early detection of breast cancer, staging of breast cancer, response study of breast cancer from neoadjuvant treatment.

Recently, I have been focusing on using an advanced 3D imaging technique, micro-CT, for surgical guidance. Currently a two-dimensional x-ray radiograph of a lumpectomy specimen is routinely used to intra-operatively evaluate the completeness of tumor removal by visual analysis. This limited technology is the primary cause of a 20 to 40 percent incidence of second lumpectomy surgeries nationwide. We propose to develop a high resolution three dimensional CT system to image breast tumor specimens during a lumpectomy surgery. We hypothesize that prompt, high resolution, and three dimensional image data will provide breast surgeons and radiologists the ability to more accurately delineate margins of excised breast lesions thereby reducing the lumpectomy re-excision rate.

Title Assistant Adjunct Professor

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Division Radiology Physics

Clinic UC Davis Cancer Center

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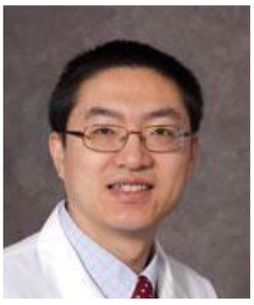

Kai Yang, Ph.D.

Education

Ph.D., UC Davis, Davis, California, 2007

B.Sc., Tsinghua University, Beijing, China, 2000

Professional Memberships

Early Career Professional Member, The International Society for Optics and Photonics (SPIE)

Junior Member, American Association of Physicists in Medicine (AAPM)

Select Recent Publications

McKenney, A. Nosratieh, D.E. Gelskey, K. Yang, S.-Y. Huang, L. Chen, and J.M. Boone, Experimental validation of a method characterizing bow tie filters in CT scanners using a real-time dose probe, Med. Phys. 38, 1406-1415

J.M. Boone, K. Yang, G.W. Burkett, N.J. Packard, S.Y. Huang, S. Bowen, R.D. Badawi, and K.K. Lindfors, An X-Ray computed tomography/positron emission tomography system designed specifically for breast imaging, Technol Cancer Res Treat. 2010 Feb; 9(1):29-44

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Y. Wu, S. L. Bowen, K. Yang, N. Packard, L. Fu, G. Burkett Jr, J. Qi, J. M. Boone, S. R. Cherry and R. D Badawi, PET characteristics of a dedicated breast PET/CT scanner prototype, Phys. Med. Biol. 54, 4273-4287

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