

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
- transfer requests evaluated based upon clinical urgency, availability of resources and other factors

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

Loren Thomas Davidson, M.D.

Title	Assistant Clinical Professor
Specialty	Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Clinic	Physical Medicine & Rehabilitation Clinic
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
Additional Phone	Phone: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC Davis School of Medicine, Sacramento, California, 2002 B.S., UC San Diego, La Jolla, California, 1998
Internships	University of California, Davis, Medical Center, Sacramento, CA, 2002-2003
Residency	Physical Medicine and Rehabilitation Residency, Sacramento, CA, 2003-2006
Fellowships	The Children's Hospital University of Colorado, Health Sciences Center, Aurora, CO, 2006-2008
Board Certifications	American Board of Physical Medicine and Rehabilitation, 2007 American Board of Physical Medicine and Rehabilitation-Pediatric Rehabilitation Medicine, 2009
Professional Memberships	American Academy for Cerebral Palsy and Developmental Medicine American Academy of Physical Medicine and Rehabilitation Association of Academic Physiatrists California Medical Association
Honors and Awards	David D. Kilmer, MD, Outstanding Faculty Teaching Award, 2010 Scholarship to Advance Research in Spasticity (STARS) Program, Research Grant, 2007 Alpha Omega Alpha, Honor Medical Society, 2005 Honors in Physical Medicine and Rehabilitation, University of California, Davis, 2002
Select Recent Publications	Davidson LT, Carter GT, Kilmer DD, Han JJ. Iatrogenic Axillary Neuropathy After Intramuscular Injection of the Deltoid Muscle. Am J Phys Med Rehabil. 2007; 86(6):507-11.

Loren Thomas Davidson, M.D.

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Brian A. Davis, M.D., F.A.B.P.M.R., F.A.C.S.M., F.A.B.N.E.M., F.A.B.R.M

Clinical Interests

Dr. Davis specializes in the nonsurgical treatment of sports and musculoskeletal disorders. He has published and lectured extensively on sports medicine topics and has provided medical care to all levels of athletes. He served as the U.S. Team Physician for the 2004 Paralympic Team in Athens, Greece. He has also served as the Team Physician for USA Swimming, USA Track and Field, and the Sacramento River Cats Baseball Team (Triple A). He is currently the Co-Head Team Physician for the Sacramento Republic FC Soccer Team (MLS Div III) and Team Physician for the California State University, Sacramento (Sac State) athletic programs. Dr. Davis also has provided medical sporting event coverage at the 2012 Olympics, 2010 Paralympics, the 2002 Olympic and Paralympic Games, the USA Track and Field Olympic Trials and National Championships, and the USA Boxing National Championships.

Dr. Davis employs the philosophy that exercise truly is medicine. He is a strong advocate for the use of exercise as a healing tool and to re-train athletes to return to their sport of enjoyment, whether it is at the professional or recreational level. He recommends Yoga, Pilates, Cross-Fit, physical therapy and many other training modalities to assist with athlete recovery. He may recommend injections for improved health and is a leader in the area of the use of ultrasound for the evaluation of injuries and the guidance of injections where needed. He is one of several UC Davis Sports Medicine physicians that are using one's own blood via injection to attempt to stimulate healing without surgery.

Dr. Davis currently serves as an official team physician for the Sacramento Republic FC professional men's soccer team.

Research/Academic Interests

Dr. Davis' research interests include:

1. The Hormonal and Mechanical Factors of Knee Osteoarthritis Progression for Women.
2. Effect of Prolain on Exercise Performance, Metabolism and Post-Exercise Recovery in Healthy Subjects.
3. Effect of elevATP on Energy Levels, Metabolism and Exercise Performance in Healthy Athletes.
4. Effect of Sustained and Continuous Cooling on Physiology, Perceived Effort and Performance, While Riding in Hot Conditions.

Title Clinical Professor

Specialty Physical Medicine and Rehabilitation, Sports Medicine, Sports Medicine - Physical Medicine & Rehabilitation, Musculoskeletal Disorders



Brian A. Davis, M.D., F.A.B.P.M.R., F.A.C.S.M., F.A.B.N.E.M., F.A.B.R.M

Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Clinic	UC Davis Medical Group, Elk Grove
Center/Program Affiliation	Sports Medicine Program
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 3850 Sacramento, CA 95817 UC Davis Medical Group - Elk Grove, 9390 Bighorn Blvd. Elk Grove, CA 95758 Phone: 916-683-3955
Additional Phone	Clinic Phone: 916-734-2923 Clinic Phone: 916-734-5291 Clinic Fax: 916-734-7838 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Spanish
Education	M.D., Meharry Medical College, Nashville, Tennessee, 1992 B.S., Northern Illinois University, DeKalb, Illinois, 1986
Internships	Transitional Medicine, Hospital of the University of Pennsylvania/Presbyterian Medical Center, Pittsburgh, Pennsylvania, 1992-1993
Residency	Physical Medicine and Rehabilitation, University of Medicine and Dentistry of New Jersey-New Jersey Medical School, Newark, New Jersey, 1993-1996
Fellowships	Sports and Musculoskeletal Medicine, University of Medicine and Dentistry of New Jersey-New Jersey Medical School, Newark, New Jersey, 1996-1997
Board Certifications	ADD Sports Medicine American Board of Electrodiagnostic Medicine, 2008 American Board of Physical Medicine and Rehabilitation, 2005
Professional Memberships	American Academy of Physical Medicine and Rehabilitation American Association of Electrodiagnostic Medicine American Association of Professional Ringside Physicians American College of Sports Medicine



Brian A. Davis, M.D., F.A.B.P.M.R., F.A.C.S.M., F.A.B.N.E.M., F.A.B.R.M

American Medical Society for Sports Medicine

Honors and Awards

Top M.D., 2012

Rutgers New Jersey Medical School (Formerly UMDNJ-NJMS), Department of Physical Medicine and Rehabilitation, Newark, NJ, Alumnus Award, 2011

super Doctors Sacramento, 2011

America's Top Physicians,, 2006

Dr. Ray Wesson Physician of the Year, 2005

Metropolitan Who's Who, 2005

Select Recent Publications

Mandeville D, Casazza G, Alvarez A, Sheremet J, Waite B, Davis B. Associations between Hormonal and Mechanical Factors of Knee Osteoarthritis in Women – A Preliminary Study. *Open Journal of Rheumatology and Autoimmune Diseases* 2013; 3(2); 79-85. Doi: 10.4236/ojra.2013.32012.

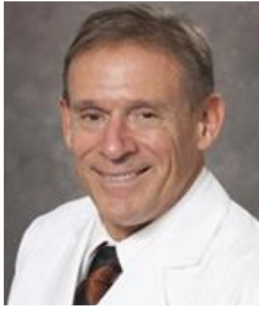
Too BW, Cicai S, Hockett Kali R, Applegate Eizabeth A, Davis BA and Casazza Gretchen A. Natural versus Commercial Carbohydrate Supplementation and Endurance Running Performance. *J Int Soc Sports Nutr* 2012; 9:27

Ong JC, Davis BA and Hunter JC. Large thigh mass in a recreational athlete: A case report. *Clin Jnl PMR* March 2009

ACSM's Sports Medicine: A Comprehensive Review. O'Connor F, Sallis R, Wilder R, St. Pierre P and Davis B (eds.), Williams Wilkins Publishers, Philadelphia, PA, 2012.

Three minute musculoskeletal and peripheral nerve exam. Miller A, Hecht K and Davis BA (eds.), Demos Vermande Publishers, New York 2008.

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John A. Dorsett, M.D.

Philosophy of Care	Dr. Dorsett believes in using a team approach with dedicated professionals including therapists, psychologists, social workers and family members to allow patients to achieve their maximal functional abilities to improve their quality of life.
Clinical Interests	Dr. Dorsett specializes in general physiatry, including treatment of spinal cord injury, spinal disorders and EMG /NCV.
Title	Physician
Specialty	Physical Medicine and Rehabilitation, Electrodiagnostic Medicine
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	Physical Medicine and Rehabilitation
Address/Phone	UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817 Phone: 800-2-UCDAVIS (800-282-3284)
Additional Phone	Clinic Phone: 916-734-3800 Clinic Fax: 916-734-7838 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC Davis School of Medicine, Sacramento, CA 1988 B.A., UC Santa Barbara, Santa Barbara CA 1983
Internships	Internal Medicine, UC Davis Medical Center, Sacramento CA 1989
Residency	Physical Medicine and Rehabilitation, UC Davis Medical Center, Sacramento CA 1989-92
Board Certifications	American Board of Physical Medicine and Rehabilitation, 2014

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Debra Ann Fishman, M.A., Psy.D.

Philosophy of Care	To assist individuals to identify and harness internal motivation to make positive health behavior changes that are consistent with their personal values and goals. Patients are viewed as collaborative partners in their care and services are delivered in a manner that respects personal interests, autonomy, and choice.
Clinical Interests	Clinical services are focused on assisting patients to engage in and maintain positive health behaviors, in order to prevent and/or manage single or multiple health issues.
Title	Psychologist
Specialty	Physical Medicine and Rehabilitation, Psychology
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Clinic	Physical Medicine & Rehabilitation, Therapy Service
Center/Program Affiliation	Spine Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
	Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816 Phone: 916-734-7463
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	Psy.D., Alliant University-CSPP, Alameda, California, 2006 M.A., Alliant University-CSPP, Alameda, California, 2004 M.A., UC Davis, Davis, California, 1985 B.S., East Stroudsburg University of Pennsylvania, Pennsylvania, 1978
Internships	UC Davis Medical Center, Sacramento , CA, 2006
Fellowships	UC Davis Medical Center, Sacramento, CA, 2007
Board Certifications	Licensed Clinical Psychologist, 2009

Debra Ann Fishman, M.A., Psy.D.

Professional Memberships American College of Sports Medicine
American Psychological Association

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Peter Karl Gerritz, M.D.

Philosophy of Care	Dr. Gerritz provides a healing environment with an integral symbiotic patient- physician relationship for pain management and other functional impairments.
Clinical Interests	Integrative medicine, concussion management/traumatic brain injury, musculoskeletal medicine, non operative spine care, electrodiagnostics (EMG/NCS), and neuro-rehabilitation focusing on multiple sclerosis, adults with cerebral palsy, stroke, and other neurological conditions. He is a member of the multidisciplinary inpatient rehabilitation team.
Title	Staff Physician
Specialty	Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Clinic	UC Davis Medical Group, Folsom
Center/Program Affiliation	Spine Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041 Cannery Building, Spine Center, 3301 C St. Suite 1500 Sacramento, CA 95816 Phone: 916-734-7463 UC Davis Medical Group - Folsom, 251 Turn Pike Dr. Folsom, CA 95630 Phone: 916-985-9300
Additional Phone	Phone: 800-4-UCDAVIS (800-482-3284)
Languages	Spanish, Thai
Education	M.D., UC Irvine College of Medicine, Irvine, California, 2007 B.S., UC Santa Barbara, Santa Barbara, California, 2003
Internships	UC Davis Medical Center, Sacramento, CA, 2008



Peter Karl Gerritz, M.D.

Residency UC Davis Medical Center, Sacramento, CA, 2011

Fellowships University of Arizona, Arizona Center for Integrative Medicine, Tucson, AZ, 2011

Professional Memberships American Academy of Medical Acupuncture
American Academy of Physical Medicine Rehabilitation

Honors and Awards APS: Fundamentals of Pain Management Grant, 2010
AMSA Complementary and Alternative Medicine Leadership Training Program Grant, 2004
American Heart Association Summer Research Internship Grant, 2000

Select Recent Publications Yao E, Gerritz PK, Henricson E, Abresch T, Kim J, Han J, Wang K, Zhao H. Randomized controlled trial comparing acupuncture with placebo acupuncture for the treatment of carpal tunnel syndrome. *PM R.* 2012 May;4(5):367-73. Epub 2012 Mar 7.

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Jay J. Han, M.D.

Clinical Interests	Dr. Han has clinical interests in neuromuscular diseases affecting both adult and pediatric populations, as well as electrodiagnosis/electromyograms (EMGs). His research interests focus on the development of functional outcome measures in patients with neuromuscular disorders and research in electrodiagnosis/ electromyograms (EMGs).
Title	Associate Professor Co-Director, Muscular Dystrophy Association (MDA) Neuromuscular Disease Clinic Director, Neuromuscular Medicine Fellowship
Specialty	Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	UC Davis Children's Hospital
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., UC San Francisco School of Medicine, San Francisco, California, 1998 B.S., Stanford University, Palo Alto, California, 1993
Internships	University of Washington School of Medicine, Seattle, Washington, 1998-1999
Residency	University of Washington School of Medicine, Seattle, Washington, 1999-2002
Fellowships	University of Washington School of Medicine, Seattle, Washington, 2002-2005
Board Certifications	American Board of Electrodiagnostic Medicine, 2005 American Board of Neuromuscular Medicine, 2008 American Board of Physical Medicine and Rehabilitation, 2004
Professional Memberships	American Academy of Physical Medicine and Rehabilitation, Fellow American Association of Neuromuscular and Electrodiagnostic Medicine, Fellow Association of Academic Physiatrists



Jay J. Han, M.D.

Honors and Awards

Academic Senate for Research Travel Award, UC Davis, 2007
Mentored Clinical Research Training Program (K30) Grant, 2006
Outstanding Faculty Teaching Award, UC Davis Department of Physical Medicine and Rehabilitation, 2006
National Institutes of Health K-12 Rehabilitation Medicine Scientist Training Program (RMSTP) Grant, 2002
Outstanding Resident Award, University of Washington, 2002
Chief Resident, Department of Rehabilitation, University of Washington, 2001
Residency Selection Committee, Department of Rehabilitation, University of Washington, 2001
Residency Training Committee, Department of Rehabilitation, University of Washington, 2001
M.D. with Thesis, UC San Francisco School of Medicine, 1998
Associate Research in Otolaryngology Medical Student Travel Award, 1997
Genentech Research Fellowship, 1996
UC San Francisco Quarterly Research Scholarship, 1996
Graduation with Honors, Stanford University, 1993
UC San Francisco Student Summer Research Fellowship, 1993

Select Recent Publications

Skalsky AJ, Han JJ, Abresch RT, Shin CS, McDonald CM. Assessment of regional body composition with dual-energy X-ray absorptiometry in Duchenne muscular dystrophy: Correlation of regional lean mass and quantitative strength. *Muscle Nerve*. 2009 Apr 3;39(5):647-651.
Werner BW, Skalsky AJ, McDonald CM, Han, JJ. Convexity of Scoliosis Related Handedness in Identical Twin Boys With Duchenne Muscular Dystrophy: A Case Report. *Arch Phys Med Rehabil*. 2008 Oct;89 (10):2021-4.
Han JJ, McDonald CM. Diagnosis and Clinical Management of Spinal Muscular Atrophy, *Phys Med Rehabil Clin N Am* 2008 Aug;19(3):661-80.
Carter GT, Weiss MD, Han JJ, Chance PF, England JD. Charcot-marie-tooth disease. *Curr Treat Options Neurol*. 2008 Mar;10(2):94-102.
Han JJ*, Kimura E*, Li S, Fall B, Ra J, Haraguchi M, Tapscott SJ, Chamberlain JC. Cell-lineage regulated myogenesis for dystrophin replacement: a novel therapeutic approach for treatment of muscular dystrophy. *Hum Mol Gen* 2008 Aug 15;17(16):2507-17 * Joint First Authors.
Skalsky AJ, Abresch RT, Han JJ, Shin CS, McDonald CM. The relationship between regional body composition and quantitative strength in facioscapulohumeral muscular dystrophy (FSHD). *Neuromuscul Disord*. 2008 Nov;18 (11):873-80.
Davidson L, Carter GT, Kilmer DD, Han JJ. Iatrogenic axillary nerve injury due to intramuscular



Jay J. Han, M.D.

- injection of the deltoid muscle. *Am J Phys Med Rehabil*, 86(6):507-11, Jun 2007.
- Han JJ, Carter GT, Ra JJ, Abresch RT, Chamberlain JS, Robinson LR. Electromyographic studies in *mdx* and wildtype C57 mice. *Muscle and Nerve*, 33(2):208-14, Feb 2006.
- Han JJ, Carter GT. Staying strong: Rehab for Duchenne muscular dystrophy slows muscle wasting. *Advance for Directors in Rehabilitation*, 15(9):25-28, Sept 2006.
- Carter GT, Han JJ, Abresch RT, Jensen MP. The importance of assessing quality-of-life in patients with neuromuscular disease. *Am J Hosp Palliat Med*, 23(6):493-7, Nov-Dec 2006.
- Carter GT, Han JJ, Mayadev A, Weiss MD. Modafinil reduces fatigue in Charcot-Marie-Tooth disease type 1A: A case series. *Am J Hosp Palliat Care*, 23(5):412-6, Oct-Nov 2006.
- Carter GT, Weiss MD, Lou JS, Jensen MP, Abresch RT, Martin TK, Hecht TW, Han JJ, Weydt P, Kraft GH. Modafinil in amyotrophic lateral sclerosis: An open-label pilot study. *Am J Hosp Palliat Care*, 22(1):55-9, Jan-Feb 2005.
- Carter GT, Yudkowsky MP, Han JJ, McCrory MA. Topiramate for weight reduction in Duchenne muscular dystrophy. *Muscle Nerve*, 31(6):788-9, Jun 2005.
- Han JJ, Carter GT, Weiss MD, Shekar C, Kornegay JN. Using electromyography to assess function in human and animal models of muscular dystrophy. *Phys Med Rehabil Clin N Am*, 16(4):981-97, Nov 2005.
- Han JJ, Massagli TL, Jaffe KM. Fibrocartilaginous embolism-An uncommon cause of spinal cord infarction: A case report and review of the literature. *Arch Phys Med Rehabil*, 85:153-157, Jan 2004.
- Han, JJ, Carter GT, Hecht TW, Schuman NE, Weiss MD, Krivickas LD. The amyotrophic lateral sclerosis center: A model of multidisciplinary management. *Critical Reviews in Physical Medicine and Rehabilitation*, 15, 2003.
- Han JJ, Kraft GH. Electrodiagnosis of neck pain. *Phys Med Rehabil Clin N Am*, 14(3):549-567, 2003.
- Carter GT, England JD, Hecht TW, Han JJ, Weydt P, Chance PF. Electrodiagnostic evaluation of hereditary motor and sensory neuropathies. *Phys Med Rehabil Clin N Am*, 14(2):347-363, 2003.

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Martin D. Hoffman, M.D.

Clinical Interests	Dr. Marty Hoffman has been fortunate to blend some of his professional activities with his personal pursuits involving endurance exercise and wilderness adventures. His research has focused on applied exercise physiology, human locomotion, pain perception and human performance, while his clinical work has involved cardiac rehabilitation, musculoskeletal medicine and sports medicine. He has been a competitive cross-country skier or distance runner for most of the last 40 years, with one of his recent accomplishments being the Grand Master (50-59 age group) National Champion of the 2008 USA Track and Field 100 Mile Trail Running Championship. He became a Fellow of the American College of Sports Medicine in 1989, has served as Director of Research for the Western States Endurance Run since 2006, and previously worked with the US Biathlon Team as a team physician and scientist. He serves on the editorial boards of the Archives of Physical Medicine and Rehabilitation, Science and Sport, and Research in Sports Medicine. He is also active in wilderness medicine as a certified Wilderness First Responder, works with his local Search and Rescue program, and has become a regular speaker at wilderness medical meetings.
Title	Chief-Physical Medicine and Rehabilitation-VA Northern California Health Care System Department of Physical Medicine Rehabilitation-University of California Davis Health System Director of Research-Western States Endurance Run
Specialty	Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Suite 3850 Sacramento, CA 95817
Additional Phone	Phone: 916-734-5291
Education	M.D., St. Louis University School of Medicine, St. Louis, Missouri, 1979-1983 B.S., University of Missouri-Rolla, Rolla, Missouri, 1976-1978
Residency	Medical College of Wisconsin Affiliated Hospitals, Milwaukee, Wisconsin, 1983-1986
Board Certifications	American Board of Independent Medical Examiners, 2003 American Board of Physical Medicine and Rehabilitation, 1988
Professional Memberships	American Academy of Physical Medicine and Rehabilitation American College of Sports Medicine

Martin D. Hoffman, M.D.

Wilderness Medical Society

Honors and Awards

Inclusion in Marquis *Who's Who in Medicine and Healthcare*, 1st edition, 1996
Third Prize, Alpha Omega Alpha Research Forum, St. Louis University School of Medicine, 1982
Second Prize, National Student Design Contest, American Institute of Chemical Engineers, 1978
Bausch and Lomb Outstanding Science Student Award, North Kansas City High School, 1974

Select Recent Publications

Hoffman MD, Lee J, Zhao H, Tsodikov A. Pain perception after running a 100-mile ultramarathon. *Arch Phys Med Rehabil*, 88:1042-1048, 2007.

Ruble SB, Hoffman MD, Shepanski MA, Valic Z, Buckwalter JB, Clifford PS. Thermal pain perception after aerobic exercise. *Arch Phys Med Rehabil*, 86:1019-1023, 2005.

Hoffman MD, Shepanski MA, MacKenzie SP, Clifford PS. Experimentally induced pain perception is acutely reduced by aerobic exercise in persons with chronic low back pain. *J Rehabil Res Dev*, 42(2):183-190, 2005.

Hoffman MD, Shepanski MA, Ruble SB, Valic Z, Buckwalter JB, Clifford PS. Intensity and duration threshold for aerobic exercise-induced analgesia to pressure pain. *Arch Phys Med Rehabil*, 85:1183-1187, 2004.

Hoffman MD, Millet GY, Candau R, Rouillon JD. Evaluation of a theoretical model to quantify the sources of metabolic cost in walking. *Am J Phys Med Rehabil* 83:353-362, 2004.

Hoffman MD, Millet GY, Hoch AZ, Candau RB. Assessment of wheelchair drag resistance using a coasting deceleration technique. *Am J Phys Med Rehabil*, 82:880-889, 2003.

Gros Lambert A, Hintzy F, Hoffman MD, Dugue B, Rouillon JD. Validation of a rating scale of perceived exertion in young children. *Int J Sports Med*, 22:116-119, 2001.

Millet GP, Millet GY, Hoffman MD, Candau RB. Alterations in running economy and mechanics after maximal cycling in triathletes: Influence of performance level. *Int J Sports Med*, 21:1-6, 2000.

Candau RB, Grappe F, Menard M, Barbier B, Millet GY, Hoffman MD, Belli AR, Rouillon JD. Simplified deceleration method for assessment of resistive forces in cycling. *Med Sci Sports Exerc*, 31:1441-1447, 1999.

Grappe F, Candau R, Barbier B, Hoffman MD, Belli AR, Rouillon JD. Influence of tyre pressure and vertical load on coefficient of rolling resistance and simulated cycling performance. *Ergonomics*, 10:1361-1371, 1999.

Gros Lambert A, Candau R, Hoffman MD, Bardy B, Rouillon JD. Validation of simple tests of biathlon shooting ability. *Int J Sports Med*, 20:179-182, 1999.

Martin D. Hoffman, M.D.

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Nanette C. Joyce, D.O., M.A.S.

Philosophy of Care Dr. Joyce believes in multidisciplinary patient centered care for treatment and education of rare neuromuscular disorders.

Clinical Interests Dr. Joyce specializes in Physical Medicine and Rehabilitation with a subspecialty in Neuromuscular Medicine. Her clinical interests focus on the diagnosis and treatment of motor neuron diseases, muscular dystrophies and myopathies. Dr. Joyce also specializes in electrodiagnostic medicine. Additionally, she is uniquely trained in the use of ultrasound to diagnose diaphragm dysfunction in patients with diaphragm paralysis due to motor neuron loss or phrenic nerve abnormalities.

Research/Academic Interests Dr. Joyce completed a clinical research fellowship sponsored by the California Institute of Regenerative Medicine working to develop a stem cell therapy for patients diagnosed with ALS. She continues to be part of a translational stem cell team, at the Institute for Regenerative Cures, that is dedicated to bringing stem cell therapies to clinic for patients with neuromuscular disorders. In addition, her clinical research interest focuses on developing better diagnostic strategies and treatments for patients with ALS and other neuromuscular diseases.

Title Assistant Professor of Clinical Physical Medicine and Rehabilitation
Co-Director of the Multidisciplinary ALS Clinic
Associate Director of the ACGME Neuromuscular Medicine Fellowship

Specialty Neuromuscular Medicine, Physical Medicine and Rehabilitation, Electrodiagnostic Medicine

Department Physical Medicine and Rehabilitation

Division Physical Medicine and Rehabilitation

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817
Phone: 916-734-7041

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

Education D.O., Touro University College of Osteopathic Medicine, Vallejo, California, 2004
M.A.S., UC Davis, Davis CA 2012
B.A., University of the Pacific, Stockton, California, 1982

Internships Ingham Regional Medical Center, Lansing, MI, 2005

Residency Michigan State University, East Lansing, MI, 2008



Nanette C. Joyce, D.O., M.A.S.

Fellowships University of California, Davis, Davis School of Medicine, Sacramento, CA, 2011
Neuromuscular Medicine Clinical Fellowship, University of California, Davis-Department of Physical Medicine and Rehabilitation, Sacramento, CA, 2009

Board Certifications American Board of Physical Medicine and Rehabilitation, 2009
American Board of Physical Medicine and Rehabilitation-Neuromuscular Medicine

Professional Memberships American Academy of Physical Medicine and Rehabilitation
American Association of Neuromuscular and Electrodiagnostic Medicine
American Osteopathic Association
Association of Academic Physiatrists

Honors and Awards Dean's Team Award for Clinical Care: Neuromuscular Medicine Clinic, 2014
Wing Kai Fat Memorial Scholar, 2013
Dean's Team Award for Clinical Care: Multidisciplinary ALS Clinic, 2012
"Young Investigator" NIH travel award to the Tarrytown International ALS Research Conference, 2011
Association of Academic Physiatrists NIH K-12: Rehabilitation Scientist Training Program, 2010
Mentored Clinical Research Training Program; Trainee, 2010
California Institute for Regenerative Medicine Stem Cell Training Program, 2009
Touro University College of Osteopathic Medicine: Valedictorian and Outstanding Graduate Osteopathic Physician, 2004

Select Recent Publications Sanchez B, Chang J, Bauer A, Joyce N, Patel C. Dynamic sonographic evaluation of posterior shoulder dislocation secondary to brachial plexus birth palsy injury. *J Ultrasound Med.* 2013 Sep; 32(9):1531-4.

McDonald CM, Henricson EK, Abresch RT, Florence JM, Eagle M, Gappmaier E, Glanzman AM; PTC124-GD-007-DMD Study Group, Spiegel R, Barth J, Elfring G, Reha A, Peltz S. The 6-minute walk test and other endpoints in Duchenne muscular dystrophy: longitudinal natural history observations over 48 weeks from a multicenter study. *Muscle Nerve.* 2013 Sep;48(3):343-56. doi: 10.1002/mus.23902. Epub 2013 Jun 26.

McDonald CM, Henricson EK, Abresch RT, Florence J, Eagle M, Gappmaier E, Glanzman AM; PTC124-GD-007-DMD Study Group, Spiegel R, Barth J, Elfring G, Reha A, Peltz SW. The 6-



Nanette C. Joyce, D.O., M.A.S.

minute walk test and other clinical endpoints in duchenne muscular dystrophy: reliability, concurrent validity, and minimal clinically important differences from a multicenter study. *Muscle Nerve*. 2013 Sep;48(3):357-68. doi: 10.1002/mus.23905. Epub 2013 Jul 17.

McDonald CM, Henricson EK, Abresch RT, Han JJ, Escolar DM, Florence JM, Duong T, Arrieta A, Clemens PR, Hoffman EP, Cnaan A; The cooperative international neuromuscular research group duchenne natural history study-a longitudinal investigation in the era of glucocorticoid therapy: Design of protocol and the methods used. *Cinrg Investigators. Muscle Nerve*. 2013 Jul;48(1):32-54. doi: 10.1002/mus.23807. Epub 2013 May 16.

Henricson EK, Abresch RT, Cnaan A, Hu F, Duong T, Arrieta A, Han J, Escolar DM, Florence JM, Clemens PR, Hoffman EP, McDonald CM; CINRG Investigators. The cooperative international neuromuscular research group Duchenne natural history study: Glucocorticoid treatment preserves clinically meaningful functional milestones and reduces rate of disease progression as measured by manual muscle testing and other commonly used clinical trial outcome measures. *Muscle Nerve*. 2013 Jul;48(1):55-67. doi: 10.1002/mus.23808. Epub 2013 May 6.

Joyce NC, Carter GT. Electrodiagnosis in persons with amyotrophic lateral sclerosis. *Arch Phys Med Rehabil. PM R*. 2013 May;5(5 Suppl):S89-95. doi:10.1016/j.pmrj.2013.03.020. Epub 2013 Mar 21.

Wolfe LF, Joyce NC, McDonald CM, MD, Benditt, Finder J. Management of pulmonary complications in neuromuscular disease. *Phys Med Rehabil Clin N Am*. 2012 Nov;23(4):829-853.

Braun MM, Osecheck M, Joyce NC. Nutrition assessment and management in amyotrophic lateral sclerosis. *Phys Med Rehabil Clin N Am*. 2012 Nov;23(4):751-771.

Carter GT, Joyce NC, Abresch AL, Smith AE, VandeKeift GK. Using palliative care in progressive



Nanette C. Joyce, D.O., M.A.S.

neuromuscular disease to maximize quality of life. *Phys Med Rehabil Clin N Am.* 2012 Nov;23(4):903-909.

Joyce NC, Hache LP, Clemens PR. Bone health and associated metabolic complications in neuromuscular diseases.[Review] *Phys Med Rehabil Clin N Am.* 2012 Nov;23(4):773-799.

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Craig M. McDonald, M.D.

Clinical Interests	Craig McDonald, M.D. is an internationally recognized expert in the clinical management and rehabilitation of neuromuscular diseases including muscular dystrophies and the development of novel outcome measures for clinical trials. He also is widely known for his expertise in the management of children and young adults with spinal cord injury and spina bifida.
Research/Academic Interests	<p>McDonald directs the NIDRR-funded Rehabilitation Research and Training Center in Neuromuscular Diseases and serves as principal investigator of the UC Davis NINDS-funded site in the NeuroNEXT Neurosciences Clinical Trials National Consortium. He is recipient of over \$16 million in federal grant support over the past 12 years.</p> <p>McDonald has been involved in a multitude of NIH, MDA, CDC and Shriners hospitals national committees and serves as a consultant to the pharmaceutical industry regarding clinical trials in Duchenne muscular dystrophy and other muscular dystrophies. He has served on many NIH study sections reviewing research proposals relating to neuromuscular diseases and rehabilitation sciences.</p> <p>His research has focused on novel clinical endpoint development in neuromuscular diseases, clinical trials and natural history studies in muscular dystrophies, metabolic syndrome, and energy expenditure in childhood disabilities.</p>
Title	Professor and Chair, Department of Physical Medicine & Rehabilitation Director, Neuromuscular Disease Clinics Director, Spina Bifida Program Director, Electrodiagnostic Laboratory, Shriners Hospital for Children Northern California Director, NIDRR Rehabilitation Research Training Center in Neuromuscular Diseases
Specialty	Neuromuscular Medicine, Pediatric Rehabilitation Medicine, Physical Medicine and Rehabilitation
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	Center for Healthcare Policy and Research UC Davis Children's Hospital
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041



Craig M. McDonald, M.D.

Additional Phone Phone: 916-734-2923

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

Education M.D., University of Washington School of Medicine, Seattle, Washington, 1987

A.B., Stanford University, Palo Alto, California, 1982

Residency Children's Hospital and Medical Center, University of Washington, Seattle, Washington, 1992

UCLA Medical Center, Los Angeles, California, 1989

University of Washington Medical Center, Seattle, Washington, 1989-1992

Board Certifications American Board of Pediatrics, 1992

American Board of Physical Medicine and Rehabilitation, 1993

American Board of Physical Medicine and Rehabilitation-Neuromuscular Medicine, 2008

American Board of Physical Medicine and Rehabilitation-Pediatric Rehabilitation Medicine, 2003

Professional Memberships American Academy of Cerebral Palsy and Developmental Medicine

American Academy of Neurology

American Academy of Pediatrics

American Academy of Physical Medicine and Rehabilitation

American Association of Neuromuscular and Electrodiagnostic Medicine

Association of Academic Physiatrists

World Muscle Society

Honors and Awards UC Davis university-wide Affirmative Action Award, 1999

Young Academician Award presented by the Association of Academic Physiatrists for outstanding performance in teaching, research and academic administration, 1997

Nominated as a finalist for Richmond Cerebral Palsy Center Award, 1988

Thesis Honors from the University of Washington School of Medicine, 1987

Alpha Omega Alpha National Honor Medical Society, 1987

Thesis Honors from the University of Washington School of Medicine, 1986

Herbert S. Ripley Research, University of Washington School of Medicine, 1986

Northwest Association of Physical Medicine and Rehabilitation Medical Student Award for outstanding work in the area of Rehabilitation Medicine, 1985

Select Recent Publications Bakshi N, Maselli RA, Gospe SM, Ellis WG, McDonald CM, Mandler RN. Fulminant demyelinating neuropathy mimicking cerebral death. *Muscle Nerve* 1997;20:1595-1597

Davis CH, Fardanesh L, Rubner D, Wanlass RL, McDonald CM. Profiles of functional recovery in 50 traumatically brain-injured patients after acute rehabilitation. *American Journal of Physical Medicine & Rehabilitation* 1997; 76:213-218



Craig M. McDonald, M.D.

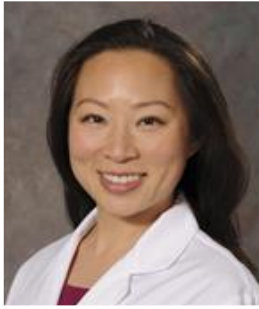
Fone PD, Vapnek JM, Litwiller SE, Couillard DR, McDonald CM, Boggan JE, Stone AR.

Urodynamic findings in the tethered spinal cord syndrome. *Journal of Urology* 1997;157(2):604-609

Im D, McDonald CM. New approaches to managing spasticity in children with cerebral palsy. *The Western Journal of Medicine*. 1997;166:271

Carter GT, Kilmer DD, Szabo RM, McDonald CM. Case of the Month: Focal posterior interosseus neuropathy in the presence of hereditary motor and sensory neuropathy type I. *Muscle Nerve* 1996;19:644-648

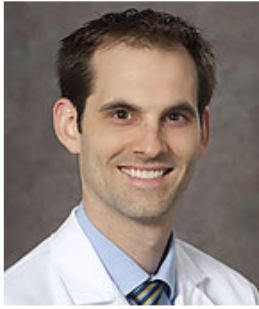
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Maureen Noh, M.D.

Clinical Interests	Non operative musculoskeletal and orthopedic care.
Title	Associate Physician
Specialty	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation UC Davis Medical Group, Folsom
Center/Program Affiliation	Spine Center
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
	UC Davis Medical Group - Folsom, 251 Turn Pike Dr. Folsom, CA 95630 Phone: 916-985-9300
Additional Phone	Phone: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of North Carolina at Chapel Hill School of Medicine, Chapel Hill, NC, 2006 B.S., University of North Carolina, Chapel Hill, NC, 2001
Internships	Internal Medicine, Greenville Hospital, Greenville, SC, 2006
Residency	Physical Medicine and Rehabilitation, University of Washington, Seattle, WA, 2007
Fellowships	Physical Medicine and Rehabilitation, University of Florida, Gainesville, FL, 2010
Board Certifications	American Board of Physical Medicine and Rehabilitation
Professional Memberships	American Academy of Physical Medicine Rehabilitation

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Aaron James Powell, M.D.

Philosophy of Care	The goal of my practice is to maximize the abilities of children with congenital and acquired disabilities. To do this, I take a family-centered approach to patient care and work with a multidisciplinary team to offer innovative therapies and technologies.
Clinical Interests	Pediatric rehabilitation.
Research/Academic Interests	Pediatric spinal cord injury, adaptive technology.
Title	Staff Physician, Department of Physical Medicine and Rehabilitation
Specialty	Pediatric Rehabilitation Medicine
Division	Physical Medicine and Rehabilitation
Center/Program Affiliation	Physical Medicine and Rehabilitation
Address/Phone	UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817 Phone: 800-2-UCDAVIS (800-282-3284)
Education	M.D., UC San Diego School of Medicine, San Diego CA 2010 B.S., University of Arizona 2005
Internships	Physical Medicine and Rehabilitation, UC Davis Medical Center, Sacramento CA 2010-2011
Residency	Physical Medicine and Rehabilitation, UC Davis Medical Center, Sacramento CA 2011-2014
Board Certifications	American Board of Physical Medicine and Rehabilitation
Professional Memberships	American Academy for Cerebral Palsy and Developmental Medicine American Academy of Physical Medicine and Rehabilitation North American Spine Society
Honors and Awards	Resident Research Award; Department of Physical Medicine and Rehabilitation, 2014 PAC-10 Post-Graduate Scholarship, 2005
Select Recent Publications	Chang D, Shymon S, Powell A. Natural resolution of a herniated lumbar disc. BMJ Case Reports, Sep 30, 2013.

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Chris S. Shin, M.D.

Clinical Interests My relationship with UC Davis stretches back to my undergraduate training. Throughout my stint here as a medical student and resident the institution has grown by leaps and bounds at a fairly dizzying pace. Being part of something so dynamic is one of the reasons I stayed on as faculty in this system once my training was over. In this system, I serve as a clinician, an educator, and an administrator. My clinical focus includes amputee prosthetic management, non-operative spine care, electro diagnostic testing, and general outpatient rehabilitation. As an educator, I am actively involved in the education of both medical students and residents in the classroom and clinical settings. My administrative duties come as the clinic medical director for the Physical Medicine Rehabilitation clinics at UC Davis. In addition to my work related responsibilities, I also enjoy giving back to the community by volunteering as the musculoskeletal coordinator at the Paul Hom student run free clinic on a monthly basis.

Title Assistant Professor

Specialty Physical Medicine and Rehabilitation

Department Physical Medicine and Rehabilitation

Division Physical Medicine and Rehabilitation

Center/Program Affiliation [Spine Center](#)

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817

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

Education M.D., UC Davis School of Medicine, Sacramento, California, 2001
A.A., DeAnza College, Cupertino, California, 1993
B.S., UC Davis, Davis, California, 1995

Residency UC Davis School of Medicine, Sacramento, California, 2001-2005



Chris S. Shin, M.D.

- Board Certifications** American Board of Electrodiagnostic Medicine, 2006
American Board of Physical Medicine and Rehabilitation, 2006
- Professional Memberships** American Academy of Physical Medicine and Rehabilitation
American College of Sports Medicine
- Honors and Awards** Award for Outstanding Attendance at Clinical Seminars, Department of Physical Medicine and Rehabilitation, UC Davis Medical Center, 2004
Award for Outstanding Teaching of Medical Students, Department of Physical Medicine and Rehabilitation, UC Davis Medical Center, 2004
Award for Excellence in Physical Medicine and Rehabilitation, Department of Physical Medicine and Rehabilitation, UC Davis Medical Center, 2001
Mortin Levitt Research Award, UC Davis School of Medicine, 2001
Annual Medical Student Award for Excellence in Medical Rehabilitation, The Northwest Association of Physical Medicine and Rehabilitation, 2000
Award for Outstanding Service and Dedicated Commitment to the Community, Paul Hom Asian Clinic, 1999
Departmental Citation for Academic and Research Excellence, Department of Microbiology, UC Davis, 1995
Award for Academic Excellence, DeAnza College, 1993
- Select Recent Publications** Shin CS. Research Investigator: Determining Neuropsychiatric Baselines in Amature Boxers Using ImPACT Software. Proposal to Institutional Review Board. (In Submission)
Shin CS, Brian BA. Femoral neuropathy due to patellar dislocation: A case report. *Archives of Physical Medicine & Rehabilitation*, 86(6):1258-60, Jun 2005.
Shin CS, Abresch RT, Widman L, McDonald CM. Regional Body Composition in Male Subjects with Neuromuscular Disease as Assessed by Dual-Energy X-Ray Absorptiometry. Poster Presentation at the 2003 Annual Meeting of the Academy of Academic Physiatrists, 2004.
Shin CS, Abresch RT, Walsh SA, Ong EK, McDonald CM. Relationship Between Quantitative Measures of Regional Lean Tissue Mass and Strength in Children with Duchenne Muscular Dystrophy and Controls. Poster Presentation at the 1999 Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, 1999.

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Carol Vandenakker-Albanese, M.D.

Clinical Interests Dr. Vandenakker Albanese has clinical interests in diagnosis and non-operative care of spine conditions and problems related to sequelae of polio. She speaks locally, nationally and internationally on topics related to spine care and the management of polio-related conditions. Dr. Vandenakker-Albanese is well-known for her expertise in post-polio syndrome and established the UC Davis Post-Polio Clinic in 2001. She serves on the medical advisory board for Post-Polio Health International as well as several local post-polio support groups. Dr. Vandenakker-Albanese reviews manuscripts for multiple medical journals and has authored several book chapters and peer-reviewed journal publications on topics relating to aging with disability, and rehabilitation of spine and post-polio conditions. As the department's Mentoring Director, Residency Program Director and as a Faculty Mentor for the medical school, she promotes quality medical education and fosters professional development.

Title Professor
Residency Program Director

Specialty Physical Medicine and Rehabilitation

Department Physical Medicine and Rehabilitation

Division Physical Medicine and Rehabilitation

Center/Program Affiliation [Spine Center](#)

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817
Phone: 916-734-7041

Additional Phone Physician Referrals: (800) 480-0482 Ex.3284

Education M.D., Oral Roberts University, Tulsa, Oklahoma, 1986
B.S., Oral Roberts University, Tulsa, Oklahoma, 1980

Internships St. Lukes-Roosevelt Hospital, Columbia University, New York, New York, 1986-87

Residency Rusk Institute of Rehab Medicine, New York University Medical Center, New York, New York, 1987-1990

Board Certifications American Board of Physical Medicine and Rehabilitation, 1991



Carol Vandenakker-Albanese, M.D.

Professional Memberships

American Academy of Physical Medicine and Rehabilitation
Association of Academic Physiatrists
International Society of Physical and Rehabilitation Medicine
North American Spine Society

Honors and Awards

Outstanding Aerobics Major – Oral Roberts University, 1980
National Merit Scholar, 1976

Select Recent Publications

Vandenakker-Albanese, C: Post-Polio Syndrome. AAPM&R Knowledge Now, 2013
Siegel L, Vandenakker Albanese C, Siegel D: Anterior Cruciate Ligament Injuries: Anatomy, Physiology, Biomechanics, and Management. Clin J Sport Med, 22(4):349-355, July 2012
Moore MN, Vandenakker Albanese C, Hoffman MD: Use of Partial Body-Weight Support for Aggressive Return to Running after Lumbar Disk Herniation: A Case Report. Archives of Physical Medicine and Rehabilitation 91: 803-805, 2010.
Grimby G, Li J, Vandenakker C, Sandel ME: Post-Polio Syndrome: A Perspective from Three Countries. Physical Medicine and Rehabilitation 1: 103 5-1040, 2009.
Vandenakker C, Glass D: Menopause and Aging with a Disability. Phys Med Rehab Clin North Am 12:1, 2001.
Vandenakker C: Brown-Sequard Syndrome. emedicine.com, Physical Medicine and Rehabilitation, 2001.
Roach KE, Vandenakker C, Wise H, Markei L, Morales C, Lawrence S: A one year follow-up study of patients with post-polio syndrome and other polio survivors. Physical Therapy 77, 1997.
Roach KE, Vandenakker C, Wise H, Prieto N, Reilly K, Walker A, Van Bruggen P: A comparison between patients with post-polio syndrome and other polio survivors. Physical Therapy 76, 1996.

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Brandee Waite, M.D.

Clinical Interests

Dr. Waite's clinical focus is sports medicine and physical rehabilitation medicine, where she has served and treated wide range of elite athletes participating in professional leagues, national teams and extreme-endurance competitions. She also cares for "weekend warrior" level athletes and non-athletes with joint, muscle and nerve issues that prevent them from reaching daily activity goals.

Dr. Waite has served as a team physician for the U.S. national track and field program and for Sacramento's professional men's and women's basketball teams, and is currently a consulting physician for the Sacramento Ballet and a team doctor for UC Davis collegiate sports. She has directed multiple ultra-marathons and serves as a medical director and event physician for Racing The Planet, an organization that sponsors adventure races in Antarctica, the Sahara desert, the Himalayas and other extreme-weather locations worldwide.

Dr. Waite currently serves as an official team physician for the Sacramento Republic FC professional men's soccer team.

Research/Academic Interests

Dr. Waite's research focuses on musculoskeletal medicine and on physiologic changes, injuries and injury prevention in extreme-endurance athletes, especially ultramarathoners. Specific topic areas include knee osteoarthritis, anti-inflammatory treatments and prophylaxis, electrolyte levels and body composition changes. She has published book chapters and journal articles on a wide range of topics and presented for organizations such as the American College of Sports Medicine and the American Medical Society for Sports Medicine.

Dr. Waite co-directs the sports medicine fellowship program in UC Davis Health System's Department of Physical Medicine and Rehabilitation.

Title Assistant Clinical Professor

Specialty Physical Medicine and Rehabilitation, Sports Medicine - Physical Medicine & Rehabilitation, Sports Medicine

Department Physical Medicine and Rehabilitation

Division Physical Medicine and Rehabilitation

Clinic UC Davis Medical Group, Folsom
UC Davis Medical Group, Rocklin

Center/Program Affiliation [Sports Medicine Program](#)
[UC Davis Medical Group](#)



Brandee Waite, M.D.

Address/Phone	UC Davis Medical Group - Sacramento (J Street), Sports Medicine, 2805 J St. Suite 300 Sacramento, CA 95816 Phone: 916-734-6805
	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
	UC Davis Medical Group - Folsom, 251 Turn Pike Dr. Folsom, CA 95630 Phone: 916-985-9300
	UC Davis Medical Group - Rocklin, 550 West Ranch View Dr. Suite 2005 Rocklin, CA 95765 Phone: 916-295-5700
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	French, Spanish
Education	M.D., UC San Francisco School of Medicine, San Francisco, California, 2000 B.A., Stanford University, Stanford, California, 1995
Internships	Arrowhead Medical Center, Colton, California, 2000-2001
Residency	Stanford University Medical Center, Stanford, California, 2001-2004
Fellowships	Johns Hopkins Hospital, Baltimore, Maryland, 2004-2005
Board Certifications	American Board of Physical Medicine and Rehabilitation, 2005 American Board of Physical Medicine and Rehabilitation, Sports Medicine, 2008
Professional Memberships	American Academy of Physical Medicine and Rehabilitation American College of Sports Medicine American Medical Society for Sports Medicine
Honors and Awards	Invited Keynote Speaker – Lincoln Memorial Obesity Awareness March (requested to fill in for former U.S. Surgeon General David Satcher), 2005 Robert Taylor Resident Research Award, California Society of Physical Medicine and Rehabilitation, 2004



Brandee Waite, M.D.

Select Recent Publications

- Krabak B, Waite B, Lipman G, "Injury and Illness Prevention for Ultramarathoners." *Curr Sports Med Rep.* 2013 May-Jun;12(3):183-9
- Lipman G, Grimm E, Waite B, Ellis M, Lissoway J, Chan G, Krabak B, A "Prospective Randomized Prevention Trial Assessing Paper-tape in Endurance Distances (Pre-TAPED)". *Academic Emergency Medicine.* May, 2013; (20)s
- D. Mandeville, G. Casazza, A. Alvarez, J. Sheremet, B. Waite and B. Davis, "Associations between Hormonal and Mechanical Factors of Knee Osteoarthritis in Women—A Preliminary Study," *Open Journal of Rheumatology and Autoimmune Diseases*, Vol. 3 No. 2, 2013, pp. 79-85. doi: 10.4236/ojra.2013.32012.
- Krabak B, Waite B, Schiff M: "Study of Injury and Illness Rates in Multiday Ultramarathon Runners." *Medicine & Science in Sports & Exercise.* 43(12):2314-2320, December 2011.
- Townes D, Waite B: *Wilderness and Endurance Events.* In *Wilderness Medicine.* Auerbach P (Ed). Elsevier. December 2011
- Waite, B: *Cartilage and Joint Injuries and Conditions.* In *SPORTS MEDICINE: Study Guide and Review for Boards.* Harrast M and Finoff J (Eds). Springer/Demos Medical Publishing. New York Nov 2011
- Fredericson M, Ho C, Waite B, Jennings F, Peterson J, Williams C, Matheson G: "Magnetic Resonance Imaging Abnormalities in the Shoulder and Wrist Joints of Asymptomatic Elite Athletes" *PM&R.* 2009 Feb;1:107-16
- Waite, B, Krabak, B: "Examination and Treatment of Pediatric Injuries of the Hip and Pelvis" *Phys Med Rehabil Clin N Am.* 2008 May;19(2):305-18
- Krabak BJ, Waite B: *The Traveling Sports Physician.* In *Clinical Sports Medicine.* Fronterra WR, Herring SA, Micheli L and Silver JK (Eds). London: Elsevier Science. (Invited contributor)

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Barth L. Wilsey, M.D., M.M.S.

Clinical Interests	<p>Dr. Wilsey is heavily involved in clinical pain medicine research at UC Davis Medical Center and at the Sacramento VA Medical Center, where he also performs acupuncture services on a limited basis. One of his major research interests is the use of medical marijuana for neuropathic pain, and he is involved in a federally funded study of the analgesic and neuropsychological effects of cannabis when treating central pain from spinal cord injury. Dr. Wilsey also studies prescription opioid abuse, and collaborates on NIH and CDC grants involving computerization of historical pain-management information.</p> <p>Dr. Wilsey has a strong interest in research ethics and has chaired institutional review boards at UC Davis and the Northern California VA Health Care System. He believes translational research is particularly important for improving patient care.</p>
Title	ASC Physician Diplomate
Specialty	Pain Medicine, Anesthesiology
Department	Anesthesiology Physical Medicine and Rehabilitation
Division	Pain Medicine Physical Medicine and Rehabilitation
Center/Program Affiliation	Center for Health Services Research in Primary Care Physical Medicine and Rehabilitation
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Sacramento, CA 95817
Additional Phone	Phone: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, 1973 B.A., Rutgers University, New Brunswick, New Jersey, 1969
Internships	Southern Illinois University School of Medicine, Springfield, Illinois, 1973-1974
Residency	UC Davis Medical Center, Sacramento, California, 1974-1977
Fellowships	Medical College of Virginia, Richmond, Virginia, 1994-1995 UC San Francisco, San Francisco, CA, 1995-96
Board Certifications	American Board of Anesthesiology, 1976 American Board of Anesthesiology, Pain Medicine, 1996



Barth L. Wilsey, M.D., M.M.S.

Honors and Awards

NIH Research Fellowship Pain Management, 1995
Henry Rutgers Scholar in Biochemistry, 1969

Select Recent Publications

Gilson, A. M., Fishman, S. M., Wilsey, B. L., Casamalhuapa, C., and Baxi, H. Time Series Analysis of California's Prescription Monitoring Program: Impact on Prescribing and Multiple Provider Episodes. *Journal of Pain* 2012 13(2):103-11.

Grant, I., Atkinson, J., Gouaux, B, Wilsey, B. Medical Marijuana: Clearing Away the Smoke. *The Open Neurology Journal*, 2012, 6: 18-25.

Han, Kass, Wilsey, Li, Individual and County-Level Factors Associated with Use of Multiple Prescribers and Multiple Pharmacies to Obtain Opioid Prescriptions in California, *PLOS ONE*, September 2012; Volume 7, Issue 9

Wilsey B, Marcotte T, Deutsch, et al. Low Dose Vaporized Cannabis Significantly Improves Neuropathic Pain" *Journal of Pain* Dec 10, 2012 [Epub ahead of print]

Wilsey, B. L., Fishman, S. M., Gilson, A. M., Casamalhuapa, C., Baxi, H., Lin, T. C., and Li, C. S. An analysis of the number of multiple prescribers for opioids utilizing data from the California Prescription Monitoring Program. *Pharmacoepidemiol Drug Saf* 2011 20(12):1262-8.

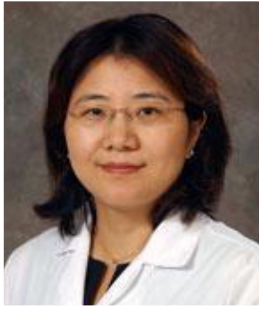
Wilsey BL, Fishman SM, Gilson A, Casamalhuapa C, Baxi H, Zhang, Li CS Profiling Multiple Provider Prescribing of Opioids, Benzodiazepines, Stimulants, and Anorectics, *Drug and Alcohol Dependence*, 2010 Nov 1;112(1-2):99-106.

Wilsey BL, Fishman SM, Casamalhuapa , Singh N Computerized Progress Notes for Chronic Pain Patients Receiving Opioids; the Prescription Opioid Documentation System (PODS), *Pain Medicine*, 2010;11(11):1707-17.

Wilsey BL, Fishman SM, Casamalhuapa C, Gupta A. Documenting and improving opioid treatment: the Prescription Opioid Documentation and Surveillance (PODS) System. *Pain Med.* Jul-Aug 2009;10(5):866-877.

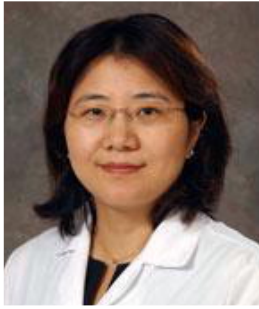
Wilsey BL, Fishman S, Li CS, Storment J, Albanese A. Markers of abuse liability of short- vs long-acting opioids in chronic pain patients: a randomized cross-over trial. *Pharmacol Biochem Behav.* Nov 2009;94(1):98-107.

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Holly H. Zhao, M.D., Ph.D.

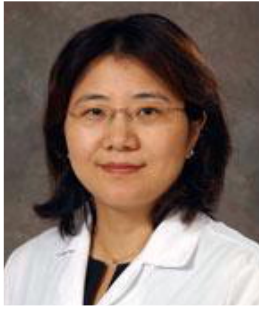
Clinical Interests	Dr. Zhao has clinical interests in various neurological disorders, such as spinal cord injury, brain injury and stroke, as well as acupuncture treatment for various sports injuries and pain syndromes. Her research interests focus on medical conditions related to physical disabilities such as metabolic syndrome and osteoporosis in spinal cord injury, as well as efficacy of acupuncture in pain management.
Title	Associate Professor
Specialty	Medical Acupuncture, Physical Medicine and Rehabilitation, Spinal Cord Injury Medicine
Department	Physical Medicine and Rehabilitation
Division	Physical Medicine and Rehabilitation
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Physical Medicine & Rehabilitation, 4860 Y St. Suite 1700 Sacramento, CA 95817 Phone: 916-734-7041
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Chinese (Mandarin)
Education	M.D., Third Military Medical University, Chong Qing, 1983
Internships	University of Pittsburgh, Pittsburgh, Pennsylvania, 2000
Residency	University of Pittsburgh, Pittsburgh, Pennsylvania, 2004
Board Certifications	American Board of Physical Medicine and Rehabilitation, 2005 American Board of Spinal Cord Injury Medicine, 2007
Professional Memberships	American Academy of Medical Acupuncture American Academy of Physical Medicine and Rehabilitation
Honors and Awards	Elan Pharmaceutical Awards for Outstanding Paper Presentations, Association of Academic Psychiatrists, 2003 Association of Academic Psychiatrists, 2003 Burroughs-Wellcome Award, the American Endocrine Society, 1999



Holly H. Zhao, M.D., Ph.D.

Select Recent Publications

- Research Day Award Winner, University of Texas HSC, 1999
Susan G. Komen Breast Cancer Foundation Fellowship Award, 1996
Graduate Student Scholarship, the American Society of Virology, 1994
- Joshi T, Yamazaki M, Zhao H, Becker D. Spinal Schistosomiasis: A differential diagnosis for acute paraparesis in US resident. *J Spinal Cord Med* 2010; 33(3):256-60.
- Vandenakker-Albanese C, Zhao H. Brown-Sequard syndrome: multimedia. *eMedicine*. 2008.
- Yamazaki MK, Zhao H. Spinal neuroschistosomiasis: a case report. *Arch Phys Med Rehabil* 2008; 89 (11): E133.
- Hoffman MD, Lee J, Zhao H, Tsodikov A. Pain perception after running a 100-Mile Ultramarathon. *Arch Phys Med Rehabil* 2007; 88(8): 1042-8.
- Skalsky AJ, Zhao HH, Bourgeois JA. Post-stroke psychosis in the acute inpatient rehabilitation setting: a case report. *Am J Phys Med Rehabil* 2006; 85(3): 265.
- Fraix MP, Zhao HH, Kilmer DD. Rehabilitation of a patient with locked-in syndrome secondary to neuromyelitis optica: a case report. *Arch Phys Med Rehabil* 2006; 87(11): E48.
- Kilmer DD, Zhao HH: Obesity, physical activity, and the metabolic syndrome in adult neuromuscular disease. Gregory T. Carter, MD, Guest Editor; George H. Kraft, MD, MS, Consulting Editor, (eds), *Phys Med Rehabil Clin N Am* 2005; 16:(4), WB Saunders, Philadelphia, pp. 1053-62.
- Zhao H, Horton JA, Munin MC, Penrod L. An unusual case of Brown-Sequard syndrome caused by a hypotensive event during cervical laminoplasty: a case report. *Am J Phys Med Rehabil* 2003, 82 (3): 241.
- Zhao H, Liu BY, Boninger M, Zafonte R. Healthcare trends in women with disability in Allegheny County, Pennsylvania. *Am J Phys Med Rehabil* 2003, 82(3): 231-2.
- Zhao H, Yee D, Barr FG, Brown PH, Fuqua S, Osborne CK. FKHR, a bifunctional nuclear receptor interacting protein with both co-activator and corepressor functions. *J Biol Chem* 2001, 276(30): 27907-12.
- Fuqua S, Zhao H, Osborne CK. Structure and function of selective estrogen receptor modulators (Review). *J Clin Oncol* 2000, 18(17); 3172-86.
- De B, Gupta S, Zhao H, Banerjee AK. Specific interaction in vitro and in vivo of G3PD and La protein with Cis-acting RNAs of human parainfluenza virus-3. *J Biol Chem* 1996, 271(40): 24728-35.
- Zhao H, De B, Das T, Banerjee AK. Inhibition of human parainfluenza virus-3 by interferon and human MxA. *Virology* 1996, 220: 330-8.
- Zhao H, Banerjee AK. Interaction between the nucleocapsid protein and the phosphoprotein of



Holly H. Zhao, M.D., Ph.D.

human parainfluenza virus-3: mapping of the interacting domains using a two-hybrid system. J Biol Chem 1995, 270(21): 12485-90.

Zhao H, Sun BY. Roles of oxygen free radicals and antiperoxidation enzyme in acute lung injury induced by ZAP. Chinese J Pathophysiol 1990, 6(2): 95-99.

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