

Matthew Kale Wedemeyer, MD

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ACADEMIC POSITION

- 9/08 – Adjunct Clinical Instructor, Pain Management
Stanford Department of Anesthesia
Stanford Hospital and Clinics
Stanford, CA
- 9/07 - 8/08 Clinical Instructor, Pain Management
Stanford Department of Anesthesia
Stanford Hospital and Clinics
Stanford, CA
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EDUCATION

Fellowship

2006 – 2007 Anesthesia Pain Management
Stanford Hospital and Clinics
Stanford, CA

Residency

2003 – 2006 Physical Medicine and Rehabilitation
Stanford Hospital and Clinics
Stanford, CA

Internship

2002 – 2003 Internal Medicine
University of California San Francisco, Fresno
Fresno, CA

Medical School

1998-2002 University of Southern California, Keck School of Medicine
Los Angeles, CA

Undergraduate

1990-1993 University of the Pacific, Stockton, CA
Sports Medicine, Biology

1988-1990 University of California at Berkeley, Berkeley, CA

LICENSURE AND CERTIFICATION

Licensed State of California
Board Certified, Physical Medicine and Rehabilitation
Board Certified, Pain Management

HONORS AND AWARDS

2005-2006 Most Outstanding Resident Stanford PM&R, Peter Singleton Award
2005-2006 Chief Resident, Stanford PM&R
2003-2004 Academic Chief Resident, Stanford PM&R
2001 Dean's Scholar Candidate, USC School of Medicine
2001 Eric Cohen Introduction to Clinical Medicine Award Candidate, USC School of Medicine
1993 ESPN Kodak Hula Bowl All-Star Team
1992 NCAA Academic All-American
1992 National Football Foundation and College Hall of Fame Scholar Athlete
1992 University of the Pacific Highest Scholastic Standing
1992 California State Senate and State Legislature Scholar Athlete
1992 Big West Athletic Conference Scholar Athlete
1990 University of the Pacific Scholar Athlete Award
1989 Full Athletic Scholarship, University of the Pacific Football
1989 Varsity Letter Winner, University of California Berkeley Football
1988 Full Athletic Scholarship, University of California Berkeley Football

PUBLICATIONS/PRESENTATIONS/RESEARCH

Effects of BBB efflux activation on CNS actions of phenobarbital in swiss webster mice. David C. Yeomans, PhD, Neetu Ahluwalia, MD, Kale Wedemeyer, MD, Wendye Robbins, MD, Ving Lee, PhD. *European Journal of Pain*, 2007, Volume 11, Issue 1, Pages 174-175.

Conservative Management of Perineural Cysts.
Mitra R, Kirpalani D, Wedemeyer M. *Spine*, 2007

The predictive value of MRI and facet loading maneuvers in diagnosing facet arthropathy as a source of low back pain.
Wedemeyer, Matthew Kale MD; Ghazi, Usama DO; Maratukalam, Annu MD; Mitra, Rajorshi MD, *American Journal of PM&R*, March 2005, Volume 84, Issue 3

Predictors of outcome for intra-articular sacro-iliac joint injections in patients without spondyloarthropathy.

Ghazi, Usama DO; Wedemeyer, Matthew Kale MD; Maratukalam, Annu MD; Mitra, Rajorshi MD, American Journal of PM&R, March 2005, Volume 84, Issue 3

Conservative treatment of quadrilateral space syndrome: A case report

Maratukulam, Annu MD; Ghazi, U; Wedemeyer, K; Mitra, R, American Journal of PM&R, March 2005, Volume 84, Issue 3

“Peripheral Nerve Injuries of the shoulder” presented at Stanford Anesthesia Pain Management Center lecture series, 2007

“Role of Electrodiagnostics in Pain Medicine,” presented at Stanford Anesthesia Pain Management Center lecture series, 2007

“Evaluation and Treatment of Shoulder Pain,” presented at Stanford Anesthesia Pain Management Center lecture series, 2007

“Analgesic Pharmacology, Adjuvant Analgesics,” presented at Stanford Interventional Spine & Pain Center CME lecture series, 2006

“Facet Syndrome,” presented at Stanford PM&R Senior Research Presentations, 2006

“Evaluation of Peripheral Neuropathy,” presented at Stanford PM&R lecture series, 2005

“Motor Neuron Disease and Rehabilitation,” presented at Stanford PM&R lecture series, 2005

“Diabetes,” presented at Palo Alto VA Polytrauma Center as an educational lecture, 2004

“Management of Subarachnoid hemorrhage,” presented at Santa Clara Valley Medical Center

Stroke and Traumatic Brain Injury lecture series, 2003

Basic Science Research 1996-1998

ALS Research Center at California Pacific Medical Center , San Francisco CA

Samuel Chou, M.D., PhD., Director Basic Science Research

- Development of an ALS Rat Model using IDPN neurotoxin
- Prepared and embedded human ALS motor cortex and spinal cord tissue. Using immunolabeling, immunohistochemistry, protein gel electrophoresis, western blotting, and electron microscopy to identify and characterize aberrant protein aggregation in intracytoplasmic and axonal inclusions of motor neurons.

- Collaborated with Michael Jacowic PhD, Director of Neuroscience at the Parkinson's Institute, Sunnyvale, CA to develop a protocol using two-dimensional gel electrophoresis to isolate specific motor neuron proteins to identify possible clinically diagnostic bio-markers for ALS.
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PERSONAL INTERESTS

Running, hiking, and biking. Spending time with my wife and extended family. Public speaking and the **Charlie Wedemeyer Family Outreach**, dedicated to ALS patients and their families in helping them deal with this devastating illness.
