



California Medical Evaluators
11620 Wilshire Blvd. Suite 340
Los Angeles, CA 90025
Phone: 888.853.7944
Fax: 213.478.0550
info@calmedeval.com



Dr. Elaine Date, MD
Board-Certified in PM&R

Board-certified physician with more than 35 years of clinical expertise.

EDUCATION

- **Stanford University School of Medicine**, Stanford, CA (1983-1985)
Physical Medicine & Rehabilitation Residency, Chief Resident (1984-1985)
- **Stanford University/Santa Clara Valley Medical Center**, Stanford, CA (6/1982-12/1982)
Combined Internship/Residency – Flexible/Physical Medicine & Rehabilitation
- **Medical College of Pennsylvania**, Philadelphia, PA (1982)
Doctor of Medicine
- **Stanford University School of Medicine**, Stanford, CA (1978)
Bachelor of Science, Biology

PROFESSIONAL EXPERIENCE

- **ReMeDy Medical Group** – Physician (2018-present)
- **San Mateo Medical Center** – Chronic Pain Management Physician (2008-present)
- **California Medical Evaluators** – Qualified Medical Examiner (2081-present)
- **EK Health** - Utilization Physician Reviewer (2006-2018)
- **California Medical Legal Specialists** – Qualified Medical Examiner (2016-2018)
- **Adelberg and Associates** – Qualified Medical Examiner (2014-2017)
- **ReMeDy Medical Group** – Partner (2009-2018)
- **ReMeDy Medical Group** – Associate (2008-2009)
- **VA Palo Alto Health Care System, Polytrauma Transitional Rehabilitation Program** –
Physiatrist/Medical Coordinator (2006-2008)

- **VA Palo Alto Health Care System, Polytrauma Rehab Center** – Medical Director (2005-2007)
- **Stanford University School of Medicine** – Adjunct Clinical Associate Professor (2008-2011)
- **Stanford University School of Medicine** – Associate Professor (2002-2008)
- **Stanford University School of Medicine, PM&R Spine Fellowship** – Director (1998-2000)
- **Stanford University, Dept. of Functional Restoration** – Associate Professor (1995-2002)
- **Palo Alto Veterans Affairs Health Care System, Traumatic Brain Injury Unit** – Director (1993-94)
- **Stanford University, Dept. of Functional Restoration** – Assistant Professor (1991-1995)
- **Stanford University** – Division Head, Physical Medicine & Rehabilitation (1990-2007)
- **Stanford University, Dept. of Surgery** – Section Chief, Rehabilitative Medicine (1989-1990)
- **Stanford University, Dept. of Surgery** – Assistant Professor (1989-1995)
- **Palo Alto VA Health Care System, Comprehensive Rehab Center** – Director (1988-1994)
- **Stanford University, PM&R Residency Program** – Residency Program Director (1988-2007)
- **Palo Alto VA Health Care System, PM&R Service** – Chief (1988-2007)
- **Stanford University, Dept. of Surgery** – Acting Assistant Professor (2/1988-12/1988)
- **Compensated Work Therapy Program for Disabled Veterans** – Medical Director (1986-1992)
- **Palo Alto VA Health Care System, Rehab Medicine Services** – Acting Chief (1986-1988)
- **Stanford U. School of Medicine & Affiliated Hospitals** – Residency Training Dir., PM&R (85-88)
- **Palo Alto VA Health Care System** – Director of Outpatient Rehab Medicine Services/Electrodiagnostic Clinic, Staff Physician (1985-1986)

PUBLIC AND PROFESSIONAL SERVICE

- Stanford Men's & Women's Gymnastics Teams – PM&R Team Physician (1992)
- Stanford Women's Volleyball Team – PM&R Team Physician (1992-1994)
- Appearances on Local TV, Stanford Health Matters (1994)
- Stanford Medical Faculty Department Senator (1997-2000)
- Stanford Investigational Review Board Member (2002-2006)
- Palo Alto VA Health Care System, Traumatic Brain Injury Unit – Founder (1990)
- Editorial Board – *Muscle and Nerve* (1984-2001)
- CA Society of Physical Medicine & Rehab – Member-at-Large, Board of Trustees (1991-1993)
- American Board of Physical Medicine & Rehabilitation – Guest Oral Board Examiner (1991)
- California Medical Association – PM&R Scientific Advisory Group (1992-2000)

- American Board of PM&R – Guest Oral Board Examiner (1993, 1995, 1997, 1999)
- American Board of Electrodiagnostic Medicine – Guest Oral Board Examiner (1994, 1995, 2009)
- American Board of PM&R – Question Writer for Board Recertification Examination (1995, 1996)
- *Yearbook of Hand Surgery* – Article Reviewer (1995-1996)
- *Journal of Sports Medicine* – Article Reviewer (1996-2001)
- *Western Journal Medicine* – Article Reviewer (1997-2000)
- *Muscle and Nerve* – Article Reviewer (2002-2008)

LICENSURE AND CERTIFICATION

- Qualified Medical Examiner (2008)
- Diplomate, National Board of Medical Examiners (1983)
- Diplomate, American Board of Physical Medicine & Rehabilitation (1986)
- Diplomate, American Board of Electrodiagnostic Medicine (1989)

PROFESSIONAL MEMBERSHIPS

- American Association of Neuromuscular and Electrodiagnostic Medicine
- International Society of Injection Specialists

COMMITTEES

- Palo Alto VA Health Care System – Research and Development Committee (1990)
- Palo Alto VA Health Care System – Cognitive Rehabilitation Teaching Program Planning Committee (1990-1993)
- American Association of Electrodiagnostic Medicine – Educational Committee (1992-1995)
- American Paraplegia Society – Membership Committee (1995-1996)
- American Association of Electrodiagnostic Medicine – Journal Committee (1995-1998)
- Stanford Medical Center Medical By-Laws Committee (1995-1997)
- Stanford Medical Center Graduate Education Committee (1995-2007)
- American Paraplegia Society – Chairperson, Journal Committee (1996-2001)
- Association of Academic Physicians – Membership Committee (1997-1998)
- Stanford Medical Awards Committee (1997-2002)
- Traumatic Brain Injury Advisory Committee, National VA Committee (1999-2000)
- Stanford Medical Adjunct Faculty Committee (2003-2005)
- Palo Alto VA Health Care System – Poly-Trauma Steering Committee (2005-2008)
- American Association of Electrodiagnostic Medicine – Taskforce for EMG Guidelines (2003-06)
- American Association for Neuromuscular and Electrodiagnostic Medicine – Taskforce for Graduate Medical Education Committee (2006-2009)

HONORS & AWARDS

- American Heart Association Research Fellow, Stanford University (1976)
- Graduation with Departmental Honors (Biology), Stanford University (1978)

ADDITIONAL TRAINING

- UCLA Extension Course, Medical Acupuncture for Physicians (9/992-2/1993)

PEER-REVIEWED ARTICLES

1. **Date ES.** (1979). "The Role of Sterols in the Mechanism of Circadian Rhythms in *Neurospora Crassa*", Senior Honors Paper, Stanford University School of Medicine Archives.
2. **Date ES,** Ortega HR, Hall K, Rappaport M. (1988). "Somatosensory Evoked Responses to Dermatome Stimulation in Cervical Spinal Cord Injured and Normal Subjects", *Clinical EEG*, 19(3):144-54
3. Cope DN, **Date ES,** Mar EY. (1988). "Serial Computerized Tomography Evaluations in Traumatic Head Injury", *Arch Phys Med Rehabil*, 69(7):483-86.
4. Bliwise DL, Ingham RH, **Date ES,** Dement WC. (1989). "Nerve Conduction in Aged Subjects with Periodic Leg Movements in Sleep", *J of Gerontology*, 44(5):M164-67.
5. **Date ES,** Rappaport M, Ortega HR. (1991). "Dermatome Somatosensory Evoked Potentials in Brachial Plexus Injuries", *Clinical EEG*, 22(4):236-249.
6. Kingery WS, **Date ES,** Bocobo C. (1993). "The Absence of Brachial Plexus Injury in Stroke", *Am J PMR*, 72:127-43.
7. Seibel MO, **Date ES,** Zeiner H, Schwartz M: (1993). "Rehabilitation of Hallervorden-Spatz Disease", *Arch Phys Med Rehabil*, 74:328-29.
8. Wu PB, Baig M, Huang S, Kingery WS, **Date ES.** (1993). "Temperature Correction Factors Derived from Normal Subjects May Be Invalid in Demyelinating Neuropathies", *Am J PMR*, 74:369-71.
9. Sine RD, Merrill D, **Date ES.** (1994). "Epidural Recording of Nerve Conduction Studies and Surgical Findings in Radiculopathy", *Arch Phys Med Rehabil*, 75(1):17-24.

10. Kingery WS, Seibel M, **Date ES**, Marks MP. (1994). "The Natural Resolution of a Lumbar Spontaneous Epidural Hematoma and Associated Radiculopathy", *Spine*, 19(1):67-69.
11. Wu PB, Kingery WS, **Date ES**. (1995). "An EMG Case Report of Lead Neuropathy 19 Years After a Shotgun Injury", *Muscle and Nerve*, 18:326-29.
12. Kingery WS, Park KS, Wu PB, **Date ES**. (1995). "Electromyographic Motor Tinel's Sign in Ulnar Mononeuropathies at the Elbow", *Am J PMR*, 74:419-26.
13. **Date ES**, Mar EY, Bugola M, Teraoka JK. (1996). "The Prevalence of Lumbar Paraspinal Spontaneous Activity in Asymptomatic Subjects", *Muscle and Nerve*, 19:350-54.
14. Kingery WS, Wu PB, **Date ES**. (1996). "An Unusual Presentation of a Traumatic Ulnar Mononeuropathy with a Martin-Gruber Anastomosis", *Muscle and Nerve*, 19:920-22.
15. **Date ES**, Gray LA. (1996). "Electrodiagnostic Evidence for Cervical Radiculopathy and Suprascapular Neuropathy in Shoulder Pain", *EMG Clin Neurophysiol*, 36:333-39.
16. Galicia AR, Klima RR, **Date ES**. (1997). "Mentorship in Physical Medicine and Rehabilitation Residencies", *Am J PMR*, 76:268-75.
17. Wu PB, Kingery WS, Frazier ML, **Date ES**. (1997). "An Electrophysiological Demonstration of Polysegmental Innervation in the Lumbar Medial Paraspinal Muscles", *Muscle and Nerve*, 20: 113-15.
18. Wu PB, Robinson T, Kingery WS, **Date ES**. (1998). "Thoracodorsal Nerve Conduction Study", *Am J PMR*, 77:296-98.
19. Wu PB, Neff J, Kingery WS, **Date ES**. (1999). "Sensory Nerve Conduction Velocity is Inversely Related to Axonal Length", *EMG Clin Neurophysiol*, 39:61-63.
20. Carragee EJ, Tanner CM, Khurana S, Hayward C, Welsh J, **Date ES**, Truong T, Rossi M, Hagle C. (2000). "The Rates of False-Positive Lumbar Discography in Select Patients Without Low Back Symptoms", *Spine* 25:1373-80.
21. Amhed S, Bierley R, Sheikh JL, **Date ES**. "Post-Traumatic Amnesia After Closed Head Injury: A Review of the Literature and Some Suggestions for Further Research", *Brain Inj*, 14:765-80.
22. Wu PB, **Date ES**, Kingery WS. (2000). "The Lumbar Multifidus Muscle in Polysegmentally Innervated", *Electromyogr Clin Neurophysiol*, 40:483-5.
23. Bierley RA, Drake AL, Ahmed S, **Date ES**, Rosner M, Warden D, Salazar AM. (2001). "Biased Responding: A Case Series Demonstrating a Relationship Between Somatic Symptoms and Impaired Recognition Memory Performance for Traumatic Brain Injured Individuals", *Brain Inj*, 15:697-714.

24. **Date ES**, Teraoka JK, Chan J, Kingery WS. (2002) "Effects of Elbow Flexion on Radial Nerve Conduction Velocity", *Electromyograph Clin Neurophysiol*, 41:51-56.
25. Glassmire DM, Bierley RA, Wisniewski AM, Green RL, Kennedy JE, **Date ES**. (2003). "Using the WMS-III Faces Subtest to Detect Malingered Memory Impairment", *J Clin Exp Neuropsychol*, 25:465-82.
26. Kim BJ, **Date ES**, Lee SH, Lau EW, Park MK. (2004). "Unilateral All Ulnar Hand Including Sensory Without Forearm Communication", *Am J Phys Med Rehabil*, 83(7):569-73.
27. Fredericson M, Kim BJ, **Date ES**. (2004). "Disabling Foot Cramping in a Runner Secondary to Paramyotonia Congenita: A Case Report", *Foot Ankle Int*, 25(7):510-2.
28. Lew HL, **Date ES**, Pan SS, Wu P, Ware PF, Kingery WS. (2005). "Sensitivity, Specificity, and Variability of Nerve Conduction Velocity Measurements in Carpal Tunnel Syndrome", *Arch Phys Med Rehabil*, 86(1):12-6.
29. Kim, BJ, **Date ES**, Lee SH, Yoon JS, Hur SY, Kim SJ. (2005). "Distance Measure Error Induced by Displacement of the Ulnar Nerve When the Elbow is Flexed", *Arch Phys Med Rehabil*. 86(4):809-12.
30. Kim, BJ, **Date ES**, Park BK, Choi BY, Lee SH. (2005). "Physiologic Changes of Compound Muscle Action Potentials Related to Voluntary Contraction and Muscle Length in Carpal Tunnel Syndrome", *J Electromyogr Kinesiol*, 15(3):275-81
31. Kim BJ, **Date ES**, Derby R, Lee SH, Seo KS, Oh KJ, Kim MJ. (2005) "Electromyographic Technique for Lumbar Multifidus Examination of Previous Techniques Used to Localize the Multifidus". *Arch Phys Med Rehabil* 86(7): 1325-9.
32. Miyoshi Y, Teraoka JK, **Date ES**, Kim MJ, Nguyen RT, Miyoshi. (2005). "Change in Stroke Rehabilitation Outcomes After the Implementation of Long-Term Care Insurance System: A Hospital-Based Study". *Am J Phys Med Rehabil* 84 (8): 613-9.
33. Vanderploeg RD, Collins RC, Sigford B, **Date E**, Schwab K, Warden D; Defense and Veterans Brain Injury Center Veterans Health Administration study planning group. Practical and theoretical considerations in designing rehabilitation trials: the DVBIC cognitive-didactic versus functional-experiential treatment study experience. *J Head Trauma Rehabil*. 2006 Mar-Apr;21(2):179-93.
34. **Date ES**, Kim BJ, Yoon JS, Park BK. Cervical paraspinal spontaneous activity in asymptomatic subjects. *Muscle Nerve*. 2006 Sep;34(3):361-4.
35. Fredericson M, Kim BJ, **Date ES**, McAdams TR. Injury to the deep motor branch of the ulnar nerve during hook of hamate excision. *Orthopedics*. 2006 May;29(5):456-8.

36. Seo KS, Derby R, **Date ES**, Lee SH, Kim BJ, Lee CH. In vitro measurement of pressure differences using manometry at various injection speeds during discography. *Spine J.* 2007 Jan-Feb;7(1):68-73.
37. Lew HL, Lee EH, Castaneda A, Klima R, **Date E**. Therapeutic use of botulinum toxin type A in treating neck and upper-back pain of myofascial origin: a pilot study. *Arch Phys Med Rehabil.* 2008 Jan;89(1):75-80.
38. Derby R, Lee SH, **Date ES**, Lee JH, Lee CH. Size and aggregation of corticosteroids used for epidural injections. *Pain Med.* 2008 Mar;9(2):227-34.
39. Vanderploeg RD, Schwab K, Walker WC, Fraser JA, Sigford BJ, **Date ES**, Scott SG, Curtiss G, Salazar AM, Warden DL; Defense and Veterans Brain Injury Center Study Group. Rehabilitation of traumatic brain injury in active duty military personnel and veterans: Defense and Veterans Brain Injury Center randomized controlled trial of two rehabilitation approaches. *Arch Phys Med Rehabil.* 2008 Dec;89(12):2227-38.
40. Schulz-Heik RJ, Poole JH, Dahdah MN, Sullivan C, **Date ES**, Salerno RM, Schwab K, Harris O. Long-term outcomes after moderate-to-severe traumatic brain injury among military veterans. Successes and challenges. *Brain Inj* 2016; 30 (3): 271-9.
41. Schulz-Heik RJ, Poole JH, Dahdah MN, Sullivan C, Adamson MM, **Date ES**, Salerno R, Schwab K, Harris O. Service needs and barriers to care five or more years after moderate to severe TBI among Veterans. *Brain Inj.* 2017 Jun 6:1-7.

NON-PEER-REVIEWED ARTICLES

1. **Date ES.** (1996). "Reply letter to the Editor", *Muscle and Nerve*, 19:1504.
2. **Date ES.** (1996) "Late Responses and Nerve Conduction Studies in patients with Low Back Pain." In J. Kimura, H. Shibasaki (eds.), Recent Advances in Clinical Neurophysiology. (pp. 524-30). Amsterdam: Elsevier Sciences BV.
3. **Date ES.** (2003). "Pharmacologic Management of Cognitive Changes After Traumatic Brain Injury." In Head Injury, VA Health Care Initiative, CME course (available on-line) for VA physicians.

BOOK CHAPTERS

1. **Date ES.** (1996). "Anatomy in Physical Medicine and Rehabilitation." In: K. Shankar (ed.). State of the Art Reviews: Physical Medicine and Rehabilitation. 10:331-36.

2. Shankar K, **Date ES**, Perakash I. (2000). "Neurogenic Bowel." In: M Grabois, S Garrison, KA Hart, LD LehmKuhl (eds.). Physical Medicine and Rehabilitation: The Complete Approach. (pp. 925-38). Malden, Massachusetts: Blackwell Science.
3. **Date ES**. (1999). "Motor Neuron Diseases." In: S Geiringer (ed.). State of the Art Reviews, Physical Medicine and Rehabilitation. 13:273-80.
4. **Date ES**. (2000). "Low Back Pain." In: ED Harris, MC Genovese (eds.). Primary Care Rheumatology. (pp. 199-204). Philadelphia: WB Saunders Co.
5. **Date ES**. (2003). "Interpretation on EMG/NCS Studies" In: FT Chiou (ed.). EMG Secrets. Philadelphia: Hanley and Belfus.
6. **Date ES**, Kim BJ. "Cervical and Thoracic Radiculopathies." In: J Kimura (ed.). Peripheral Nerve Diseases. Handbook of Clinical Neurophysiology, Volume 7, Series editors J Daube and F. Mauguere, Elsevier, New York, 2006, pp. 601-611.

SELECTED INVITED PRESENTATIONS

1. "Somatosensory Evoked Responses to Dermatomal Stimulation in Cervical Spinal Cord Injured and Normal Subjects," scientific paper presentation at the Annual Meeting of American Academy of Physical Medicine & Rehabilitation (AAPMR), Boston, MA, 10/84
2. "Initial Clinical Presentation of Deep Vein Thrombosis in Spinal Cord Injured Patients," poster presentation at the Annual Meeting of AAPMR, Kansas City, MO, 10/85
3. "Serial Computerized Tomography Evaluations in Traumatic Head Injury," scientific paper presentation at the Annual Meeting of AAPMR, Baltimore, MD, 10/86
4. "Rehabilitation in the Patient with Parkinson's Disease," Neurology Update: Parkinson's Disease and Other Movement Disorders, Honolulu, HI 11/86
5. "Rehabilitation of the Demented Patient," Geriatric VA Conference, San Francisco, CA, 2/87
6. "Nerve Conduction in Aged Subjects with Periodic Leg Movements in Sleep," scientific paper presentation at the Annual Meeting of AAPMR, Orlando, FL 10/87
7. "The Incidence of Brachial Plexus Injury in Stroke," Scientific paper presentation at Annual meeting of AAPM&R, Seattle, WA, November 1988
8. Moderator: "Electromyography Techniques," California Society of Physical Medicine & Rehabilitation Conference, Palm Springs, May 1989

9. "Long Term Follow-up After Facet Injections in Low Back Pain," scientific paper presentation at Annual Meeting of AAPM&R, Phoenix, AZ, October 1990
10. Moderator and Chair of Resident Research Presentations, California Society of Physical Medicine & Rehabilitation Scientific Meetings, Long Beach, CA May 1991
11. "Effectiveness of Epidural Steroids for Low Back Pain," scientific paper presentation at Annual Meetings of AAPM&R, Washington, DC, November 1991
12. "SPECT Scanning and Facet Arthropathy," scientific paper presentation at Annual meetings of AAPM&R, Miami Beach, FL, November 1993
13. Moderator and Chair of Resident Research Presentations, California Society of Physical Medicine & Rehabilitation Scientific Meetings, Long Beach, CA May 1994
14. Poster: Dehghani K, Andrews RJ, Date E: "Cervical Spondylotic Myelopathy: Somatosensory Evoked Potential and Clinical Changes Following Decompression, Joint Section on Disorders of the Spine and Peripheral Nerve," 11th Annual meeting, Phoenix, AZ, February 1995
15. Course Chairperson and Presenter: "Electrodiagnosis: Review and Update and Physical Medicine Techniques." Hotel Westin, San Francisco Airport, March 16-17, 1995
16. "Late Responses in Electrodiagnostic Workup of Low Back Pain," The 10th International Congress of EMG and Clinical Neurophysiology, Kyoto, Japan, October 1995
17. "Manual Medicine for Physicians," Course Chairperson, Stanford University School of Medicine, Stanford, CA, February 7-9, 1997
18. "Electromyography in Low Back Pain," American Back Society Meetings, San Francisco, December 1997
19. "Update in Spinal Cord Injury Rehabilitation," Neurology Conference, Tokyo, Japan, July 1998
20. "A Review of Post-Traumatic Amnesia," International Brain Injury Association, Quebec, Canada, June 1999
21. "Muscle Fatigue," International Society of Electrophysiology and Kinesiology, Sapporo, Japan, June 2000
22. "Does Abnormal Spontaneous Activity Exist in Normals in Paraspinals and Foot Muscles – Pro Position." American Association of Electrodiagnostic Medicine Scientific Meetings, Philadelphia, PA, October 2000

23. "Dermatomal Somatosensory Evoked Potentials in Spinal Cord Injury," American Academy of Physical Medicine & Rehabilitation Scientific Meetings, San Francisco, CA, November 2000
24. Interventional Spine Cadaver Course, Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, June 2001
25. "Interventional Spine Injection Techniques," California Society of Physical Medicine & Rehabilitation Meetings, Maui, HI, September 2001
26. Interventional Spine Cadaver Course, Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, April 2002
27. "Pharmacological Interventions for Cognition After Brain Injury," VA National Rehabilitation Conference, Los Angeles, CA, June 2002
28. "Anomalous Innervations," Dinner Seminar, American Association of Electrodiagnostic Medicine, Toronto, Canada, October 2002
29. Interventional Spine Cadaver Course, Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, October 2002
30. "Medical Management of Traumatic Brain Injury", Keynote Speaker, Rehabilitation Medicine Conference, Taipei, Taiwan, December 2002
31. Interventional Spine Cadaver Course, Course Co-Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, September 2003
32. "Upper Extremity Nerve Entrapments", Course Instructor, American Association of Electrodiagnostic Medicine Scientific Meetings, San Francisco, CA, September 2003
33. "Pharmacologic Management of Brain Injury Cognitive Changes", California Society of Physical Medicine & Rehabilitation Meetings, Las Vegas, NV, May 2004
34. Interventional Spine Cadaver Course, Co-Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, March 2005.
35. Interventional Spine Cadaver Course, Co-Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, May 2006.
36. "Post-Acute Medical Complications After Polytrauma Blast Injuries", Northwestern Trauma Symposium, Spokane, Washington, April 2007.
37. "Orthopedic Complications and Rehabilitation after Blast Injuries", American Academy of Orthotists and Prosthetics Annual Meeting, San Francisco, May 2007.

38. Interventional Spine Cadaver Course, Co-Course Chair and Instructor, Physical Medicine & Rehabilitation, Stanford University School of Medicine, Stanford, CA, May 2007.
39. “Electrodiagnostic Workup of Cervical Radiculopathies”, International Congress of Rehabilitation Medicine Meetings, Seoul, Korea, June 2007.
40. “Pain Management and Traumatic Brain Injury”, Military TBI Conference sponsored by the Defense and Veterans Brain Injury Center, College Park, Maryland, September 2007.
41. “Non-Pharmacologic Interdisciplinary Pain Management”, San Mateo Medical Center Conference, San Mateo, CA, February 2009.
42. “Botulinum Toxin Uses in Clinical Pain Management”, Japanese Rehabilitation Medicine Physicians Annual Meeting, Shizuoka, Japan, June 2009.
43. “Lumbar Spinal Stenosis: Update in Conservative Management”. Mills Peninsula Hospital Medical Conference, San Mateo, CA, June 2010.
44. “Non-pharmacologic Approaches to Pain Management”, San Mateo Medical Center, 2011.
45. Panel Speaker, Suboxone Induction Course, San Mateo Medical Center, October 2012.
46. “Platelet Rich Plasma”, California Society of PM&R Meetings, Anaheim, CA April 2013.
47. “Botox and EMG”, SIG presentation, American Association of Neuromuscular and Electrodiagnostic Medicine, Honolulu, HI, October 2015
48. Panel Speaker, “Updates in Pain Management Post-Operative”, Becker's 15th Annual Spine, Orthopedic and Pain Management-Driven ASC Conference + The Future of Spine, Chicago, IL, June 2017.
49. Panel Speaker, PainWeek, Las Vegas, NV, September 2017

PREVIOUS GRANTS

1. Botox A role in pain reduction in chronic low back pain. Co-PI. Funded by Allergan, \$90,000, 2003-6, publication in Archives of PM&R, January 2008.
2. Department of Defense and Veterans Brain Injury Project: 5 year outcome after traumatic brain injury, co-PI. Funded by DVBIC.

3. Department of Defense and Veterans Brain Injury Center, 1993-1994: \$300,000 per year; 1995-1998: \$500,000 - \$600,000/year; 1999- 2004, \$350,000-450,000/year, 2004 to 2008: ~\$600.000/year. Site Principal Investigator. Supervise Neuropsychologist, Research Coordinator, Therapists.
4. 3M Company, Clinical Evaluation of a Developmental Conductive Adhesive Electrode for Electromyography, 1986: \$3,700. Co-principal investigator.
5. Veterans Administration Merit Review, Dermatomal Somatosensory Evoked Potentials in Brachial Plexus Injuries, 1987-89:\$30,868. Principal Investigator.
6. Veterans Administration Merit Review: Somatosensory Evoked Potentials in Cervical Myelopathy, 1989-1991: \$12,000. Principal Investigator.
7. Palo Alto Institute for Research and Education, Inc. Flex Fund, Somatosensory Evoked Potentials in Cervical Myelopathy, 1994: \$2,400. Principal Investigator.