

HAMILTON CHEN, MD, QME, CIME CURRICULUM VITAE

PROFESSIONAL EXPERIENCE

2019-		Western University of Health Sciences Volunteer Faculty, Assistant Clinical Professor	
2016-		University Pain Consultants Pain Management Provider	Riverside, CA
2014-	-	University of California, Riverside School of Medicine Department of Neuroscience Assistant Clinical Professor, Pain Medicine Faculty Executive Committee Representative	Riverside, CA
POST-GRA	DUATE T	RAINING	
2013-		University of California, Irvine School of Medicine • Department of Anesthesia and Perioperative Medicine Fellowship - Pain Medicine (July 2013-June 2014)	Irvine, CA
2010-		 University of California, Irvine School of Medicine Department of Physical Medicine and Rehabilitation Chief Resident - Physical Medicine and Rehabilitation (May 2012-June 2013) 	Irvine, CA
2010-		 University of California, Irvine School of Medicine Department of Physical Medicine and Rehabilitation Residency – Physical Medicine and Rehabilitation (July 2010-June 2013) 	Irvine, CA
2009-	•	Harbor-UCLA Medical Center • Department of Surgery Internship - Surgery (July 2009-June 2010)	Torrance, CA
EDUCATIO	N		
2005-	•	State University of New York at Brooklyn • College of Medicine M.D., May 2009	Brooklyn, NY
2001-	ļ	 University of California, Los Angeles College of Letters and Science Major in Business Economics – Cum Laude Honors B.A., June 2005 	Los Angeles, CA
LICENSUR	Е		

California - #A113744

BOARD CERTIFICATIONS

Pain Medicine

MANUSCRIPTS

- 1. Mirpuri R., Brammeier J., Chen H., Hsu F., Chiu V., Chang EY. Spinal Cord Stimulation for Treatment of Hereditary Osteochondromas: A Case Report. *J Pain Res.* 2015; 8: 557–560.
- 2. Chen H., Narvaez V. Ultrasound guided quadrilateral space block for the diagnosis of quadrilateral syndrome. *Case Rep Orthop.* 2015; 2015: 378627.
- 3. Chen H., Kim R., Perret D., Hata H., Rinehart J., Chang E. Improving trainee competency and comfort level with needle driving using simulation training. Submitted to *Pain Medicine*.
- 4. Chen H. Diagnosis and Treatment of a Lateral Meniscal Cyst with Musculoskeletal Ultrasound. *Case Rep Orthop.* 2015; 2015: 432187.
- 5. Chen H. Ultrasound-Guided Subacromial-Subdeltoid Bursa Steroid Injections: Retrospective Comparison of Two Approaches and the Assessment of Impingement Tests to Predict Efficacy. In Press. West Indian Medical Journal.
- 6. Chen H., Tafazoli S. Complex regional pain syndrome type II secondary to endovascular aneurysm repair: a case report. *Case Rep Vasc Med.* 2015; 2015: 954217.
- 7. Chen H., Onishi K., Zhao X., Chang EY. Neuromuscular ultrasound application to the electrodiagnostic evaluation of quadrilateral syndrome. *PM&R*. 2014; 6(9):845-8.
- 8. Hamidi-Ravari B., Tafazoli S., Chen H., Perret D. Diagnosis and Current Treatments for Sacroiliac Joint Dysfunction: A Review. *Curr Phys Med and Rehabil Rep.* 2014; 2:48-54.
- 9. Kim J., Chen H., Hata J., Perret D. Degenerative Disc Disease and Intradiscal Procedures. *Crit Rev Phys Rehabil Med.* 2012; 24(3-4):197-217.
- 10. Chen H. Application of Ultrasound to the Median Sensory and the Ulnar Motor Nerve Conduction Studies. *Muscle and Nerve*. 2013; 48(1):153-4
- 11. Chen H., Takemoto R. Application of Ultrasound in Ulnar Motor Nerve Conduction Study after Anterior Ulnar Nerve Transposition. *Ultrasound*. 2012; 20(4):228-230.
- Chen H., Kelling J. *mild* Procedure for Lumbar Decompression: A Review. *Pain Pract.* 2013; 13(2):146-53.
- 13. Chen H., Takemoto R., Hata J., Ultrasound Guided Piriformis Injection with Confirmation of Needle Placement through Electromyography. *Pain Med.* 2012; 13(7):978-9.
- Chen H., Onishi K., Effect of Home Exercise Program Performance in Patients with Osteoarthritis of the Knee or Spine on VAS Scale after Discharge from Physical Therapy. Int J Rehabil Res. 2012; 35(3):275-7.
- 15. Chen H., Simultaneous Rupture of Bilateral Quadriceps Tendon and Rotator Cuff Tear: A Case Report. *West Indian Med J.* 2012; 61(2):204.
- 16. Chen H., Lin E., MRI images of a Patient with Spondylodiscitis and Epidural Abscess after Stem Cell Injections to the Spine. *IJCRI*. 2012; 3(8):62-64.
- 17. Chen H. Use of Cyclophosphamide for Treatment of Fulminant CIDP in the Rehabilitation Setting. *IJCRI*. 2012; 3(5):16–20.

ON-LINE RESOURCES

- 1. **Chen H.** Don't Be Shy; Ask Questions! *The PM&R Resident*. Retrieved October 24, 2012 from http://www.aapmr.org/members/residents/newsletter/Pages/Resident-Newsletter-September-2012-Issue.aspx#2
- 2. Nance P., Chen H. Lumbar Stenosis. PM&R Knowledge Now. Retrieved August 22, 2012 from http://now.aapmr.org/.

BOOKS

1. Perret D., Chang E., Hata J., **Chen H.,** Tribuzio B. Associate Author/Editor. *Pain Center Manual*. Demos Medical Publishing.

BOOK CHAPTERS

 Michels J., Chen H., Perret D., Hata J. Opioid Induced Constipation. *Case Studies in Pain Management*. Cambridge University Press. 2014. 2. Perret D., **Chen H.**, Lumbar Spine. In: *Rehabilitation Medicine Core Competencies Curriculum*. Demos Medical Publishing. 2014.

ABSTRACTS

- 1. Chen H., Hamidi-Ravari B. Diagnosis and Treatment of Quadrilateral Space Syndrome with a Quadrilateral Space Block: A Case Report. Submitted for Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2015
- 2. Chen H., Yuan A. Delayed onset epidural hematoma after permanent spinal cord stimulator implant. *Poster Presentation, American Pain Society Annual Meeting.* 2015.
- 3. Chen H., Yuan A. Prolotherapy treatment for Dequervain's Tenosynovitis and Intersection Syndrome. *Poster Presentation, American Pain Society Annual Meeting.* 2015.
- 4. Zhao X., Chen H., Onishi K., Lee S., Koh J. Ultrasound diagnosis of quadriceps tendon tear and patella fracture in a patient with contraindication to MRI: a case report. *Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition.* 2014.
- 5. Nguyen A., Chen H., Chang M., Chang E. Abdominal cutaneous nerve entrapment syndrome in a 64 year old woman after undergoing bilateral breast reconstruction with microvascular DIEP flap. *Poster Presentation, American Pain Society Annual Meeting.* 2014.
- 6. Chen H., Perret D. A Survey of the Perspectives on Ethical Concerns in Modern Pain Medicine. *Poster Presentation, American Pain Society Annual Meeting.* 2014.
- 7. Ehsan A., Chen H., Chang E. Reduction of Refractory Neuropathic Pain in a Patient with a Chronic Spinal Cord Injury with Slow Scheduled Dosing of Intrathecal Ziconotide. *Poster Presentation, Association of Academic Physiatrists Annual Meeting.* 2014
- 8. Onishi K., Lee S., Chen H., Takemoto R. A Novel Approach to Diagnosis and Treatment of Hallux Saltans/Dynamic Ultrasound Evaluation of Stenosing Tenosynovitis of Flexor Hallucis Longus Tendon at the Master Knot of Henry. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2014
- 9. Shahrokh K., Chen H. Placement of Baclofen Pump into the Foramen Magnum in Four Patients: A Novel Approach. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2014
- Chen H., Onishi K., Tafazoli S., Cragg S., Takemoto R. Combination of Diagnostic Ultrasound and Ultrasound-guided EMG to Diagnose Quadrilateral Syndrome: A Case Report. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2014
- 11. Chen H., Zhao X., Ehsan A., Takemoto R. A Novel Approach to the Ulnar Motor Nerve Conduction Study with Ultrasound Assistance in Patients with Anterior Ulnar Nerve Transposition Surgery. Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. 2013.
- 12. Zhao X., Chen H., Hoang D., Huang A. Presentation of Rhabdomyalysis in the Autoimmune Variant of Stiff Person Syndrome. Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. 2013.
- 13. Chen H., Takemoto R. Complex Regional Pain Syndrome Type II Secondary to Endovascular Aneurysm Repair: A Case Report. Poster Presentation, American Pain Society Annual Meeting. 2013.
- 14. Chen H., Takemoto R. Assessment of Shoulder Impingement Tests as a Predictive Factor to the Efficacy and Duration of Pain Relief of Ultrasound-Guided Subacromial-Subdeltoid Bursa Steroid Injections. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.
- 15. Chen H., Ngo E., Zhao X., Takemoto R. A Novel Approach to the Median Nerve Antidromic Nerve Conduction Study with Ultrasound Assistance. *Poster Presentation, Association of Academic Physiatrists Annual Meeting.* 2013.
- 16. Chen H., Ngo E., Zhao X., Takemoto R. Application of Ultrasound in Ulnar Motor Nerve Conduction Study after Anterior Ulnar Nerve Transposition. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.
- 17. Chen H., Ngo E., Zhao X., Takemoto R. Diagnosis and Treatment of a Lateral Meniscal Cyst with Ultrasound in a Patient with a Contraindication to MRI. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.
- Chen H., Shahrokh K., Hamidi-Ravari B., Takemoto R. Incomplete Fusion of the Inferior Articular Process of the Lumbar Spine in the Setting of Low Back Pain: A Report of Two Cases. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.
- 19. Tribuzio B., Chen H., Takemoto R. Paraplegia with Radiculopathy: A Case Report. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.

- 20. Chen H., Abadee P. A Rare Cause of Dyspnea in a Stroke Patient. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2013.
- 21. Chen H., Takemoto R. Complex Regional Pain Syndrome Type II Secondary to Endovascular Aneurysm Repair: A Case Report. Poster Presentation, American Academy of Pain Medicine Annual Meeting. 2013.
- 22. Chen H., Tribuzio B., Takemoto R. Retrospective Comparison of Two Approaches to Ultrasound-Guided Subacromial-Subdeltoid Bursa Steroid Injections. Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. 2012.
- 23. Chen H., Tribuzio B., Armenta K., Barawid E., Takemoto R. Assessment of Patient's Self-Perceived Pain Tolerance Level as a Predictive Factor for Tolerance of Nerve Conduction Study and Needle Electromyography. Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. 2012.
- 24. Chen H., Hata J., Soung J., Chang E. Neuropathic Pain in a Patient with Metastasis of a Desmoplastic Neurotropic Melanoma to the Trigeminal Nerve: A Case Report. Poster Presentation, American Pain Society Annual Meeting. 2012.
- 25. Chen H., Takemoto R., Hata J. Ultrasound Guided Piriformis Injection with EMG Confirmation of Needle Placement: A Case Report and Description of a New Procedure. Poster Presentation, American Pain Society Annual Meeting. 2012.
- 26. Chen H., Onishi K. Correlation Of Pain VAS And Frequency Of Home Exercise Program Performance In Patients Discharged From PT With Osteoarthritis Of The Knee Or Spine. Grand Rounds Oral Presentation, Association of Academic Physiatrists Annual Meeting. 2012.
- 27. Chen H. Use of Cyclophosphamide for Treatment of CIDP in the Rehabilitation Setting. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2012.
- 28. Chen H. Trial of IVIG in a Patient with Anti-GAD Negative Stiff Person Syndrome. Poster Presentation, Association of Academic Physiatrists Annual Meeting. 2012.
- 29. Chen H., Lin E., English S., Nance P. Spondylodiscitis and Epidural Abscess after Stem Cell Injections to the Spine for Chronic Back Pain: A Case Report. Poster Presentation, American Academy of Pain Medicine Annual Meeting. 2012.
- 30. Chen H., Simultaneous Rupture of Bilateral Quadriceps Tendon and Rotator Cuff Tear: A Case Report. Poster Presentation, American Academy of Physical Medicine and Rehabilitation Annual Assembly and Technical Exhibition. 2011.

PODIUM PRESENTATIONS

- 1. Chen H., Michels J., Perret D. Improving Trainee Competency and Comfort Level with Needle Driving Using Simulation Training. Grand Rounds Presentation, UCI Department of Anesthesiology and Perioperative Care. 2014
- 2. Ehsan A., Chen H., Chang E. Placement of Baclofen Pump Catheter Tip for Upper Extremity Spasticity Management: Observation from Two Case Reports. Podium Presentation, North American Neuromodulation Society Meeting. 2013.
- Chen H., Tribuzio B., Takemoto R. Anterior-Superior versus Posterior Approach to Ultrasound Guided 3. Subacromial-Subdeltoid Injections. Podium Presentation, California Society of Physical Medicine and Rehabilitation Annual Meeting. 2012.
- 4. Chen H., Gabbur N. Perceptions and Expectations of Medical Students before the Obstetrics and Gynecology Clerkship. Podium Presentation, CREOG & APGO Annual Meeting. 2009.

RESEARCH EXPERIENCE

2013-2014	 University of California, Irvine School of Medicine Co-Investigator/Lead Author, Department of Pain Medicine. Investigated the efficiency and patient satisfaction of ultrasound-guided pump refills. Mentor – Eric Chang, M.D. 	Orange, CA
2013-2014	 University of California, Irvine School of Medicine Co-Investigator/Lead Author, Department of Pain Medicine. Investigated the effectiveness of patient simulator in interventional pain procedures. Mentor – Danielle Perret, M.D. 	Orange, CA
2011-2012	VA Long Beach Healthcare System	Long Beach, CA

	• <i>Co-Primary Investigator, Department of PM&R</i> Investigated the effect of lumbar orthosis on opioid use.	
2011-2013	 University of California, Irvine School of Medicine Co-Investigator/Lead Author, Department of Pain Medicine. Investigated the patient perception of current ethical issues in pain medicine. Mentor – Danielle Perret, M.D. 	Orange, CA
2011-2012	 VA Long Beach Healthcare System Co-Primary Investigator, Department of PM&R Investigated the risk factors for intolerance of needle electromyography examination. 	Long Beach, CA
2011-2012	 VA Long Beach Healthcare System Co-Primary Investigator, Department of PM&R Retrospectively compared the efficacy of two approaches to the ultrasound- guided subacromial-subdeltoid steroid injection. 	Long Beach, CA
2011	 VA Long Beach Healthcare System Primary Investigator, Department of PM&R Retrospectively evaluated pain levels in patients with osteoarthritis performing various levels of a home-based exercise program. 	Long Beach, CA
2008	 State University of New York at Brooklyn <i>Researcher, Department of Ob/Gyn</i> Investigated the perception of Ob/Gyn field prior to the 3rd year Ob/Gyn rotation among medical students. <i>Mentor: Nagaraj Gabbur, M.D.</i> 	Brooklyn, NY
2003-2005	 University of California, Los Angeles Research Assistant, Department of Public Health Investigated the effects of a grant given by the Robert Wood Johnson Foundation to various dental schools. Mentors: Ronald Andersen, Ph.D and Pamela Davidson, Ph.D 	Los Angeles, CA
GRANTS/IRBS		
2013-current	 VA Long Beach Healthcare System Co-Investigator Institutional Review Board (IRB) Protocol Submitted Chronic Opioid Use in Low Back Pain and Effect of Lumbar Orthosis 	Long Beach, CA
2011-2012	 University of California, Irvine School of Medicine Co-Investigator/Lead Author Institutional Review Board (IRB) Protocol Approved Pain Ethics: A Patient's Perspective 	Irvine, CA
2011-2012	 VA Long Beach Healthcare System Co-Primary Investigator/Lead Author Institutional Review Board (IRB) Protocol Approved Assessment of Risk Factors for EMG Needle Tolerance 	Long Beach, CA
2011-2012	 VA Long Beach Healthcare System Co-Primary Investigator/Lead Author Institutional Review Board (IRB) Protocol Approved Anterior-Superior versus Posterior Approach to Ultrasound Guided Subacromial-Subdeltoid Injections: A Retrospective Study 	Long Beach, CA
AWARDS, HONOR	RS AND DISTINCTIONS	

AWA

2013

American Pain Society Fundamentals of Pain Management Scholarship Recipient

Selected as Chief Resident
99 th Percentile on American Academy of Neuromuscular and Electrodiagnostic Medicine Exam
Grand Round Research Selection – Association of Academic Physiatrists Annual Meeting 2012
Honors in Medicine Subinternship, Ob/Gyn, Gyn/Onc, Primary Care Clerkships
Alumni Association Scholarship, SUNY Downstate
Cum Laude Honors, UCLA – 3.65 GPA; Provost's Honors List
National Dean's List
Golden Key Honors Society Member
Lena De Groff Scholarship Recipient, Harold & Doris Child Scholarship Recipient
National Society of Collegiate Scholars, Alpha Lambda Delta Honors Society Member

PROFESSIONAL MEMBERSHIPS

2013-Present	American Pain Society
2013-Present	North American Spine Society
2011-Present	American Academy of Pain Medicine
2010-Present	American Academy of Physical Medicine and Rehabilitation

PROFESSIONAL DEVELOPMENT

2014	Kyphon Kyphoplasty Course
2014	Medtronic Spinal Cord Stimulator and Intrathecal Pump Course
2013	American Society of Regional Anesthesia and Pain Medicine Annual Meeting
2013-2014	North American Neuromodulation Society Annual Meeting
2013	Cooled Radiofrequency Course
2013	Boston Scientific Spinal Cord Stimulator Course
2013	AAPM&R - Advanced Upper Extremity Musculoskeletal Ultrasound Course
2011-2014	AAPM&R – Annual Assembly and Technical Exhibition
2012	Association of Academic Physiatrists Annual Meeting
2012	American Pain Society Annual Meeting
2012	American Academy of Pain Medicine Annual Meeting

PROFESSIONAL AND SCIENTIFIC SERVICE

2015	American Journal of Physical Medicine and Rehabilitation	
	Manuscript Reviewer	
2014	International Journal of Physical & Rehabilitative Medicine	
	Editorial Board Member	
2013	International Journal of Sports Medicine	
	Manuscript Reviewer	
2012-2013	University of California, Irvine School of Medicine	Irvine, CA
	Patient Safety Officer	
2013	University of California, Irvine School of Medicine	Irvine, CA
	• Ultrafest - Musculoskeletal Ultrasound Instructor	
2012	American Academy of Physical Medicine and Rehabilitation	Rosemont, IL
	Abstract Reviewer, 2012 Annual Assembly	
2012	University of California, Irvine School of Medicine	Irvine, CA
	 Anatomy Instructor, Department of PM&R 	
2012	American Academy of Physical Medicine and Rehabilitation	Rosemont, IL
	• 2011-2012 Board Member, Resident Physician Council	
	Nominating Committee	
2012	American Academy of Physical Medicine and Rehabilitation	Rosemont, IL
	Resident Physician Council Elections Task Force	
2012	American Academy of Physical Medicine and Rehabilitation	Rosemont, IL
	Medical Student Mentor	
2011	University of California, Irvine School of Medicine	Irvine, CA
	• Pain Journal Club Leader, Department of PM&R	
2011	VA Long Beach Health Care System	Long Beach, CA

2003-2004	• Education Advisor, Department of PM&R Health Outreach Premedical Experience
	Public Health Liaison
2003	Fresh Start Student Council
	Founding Member

Los Angeles, CA Los Angeles, CA

OTHER VOLUNTEER SERVICE

2012-2013	Surf City Marathon Volunteer Physician 	Huntington Beach, CA
2007-2009	Brooklyn Free Clinic	Brooklyn, NY
2005-2006	Clinical Model Team, Volunteer Medical Student Parkside School	Brooklyn, NY
2003- 2005	 Volunteer - Tutor Food on Foot 	Hollywood, CA
2004	Volunteer Los Angeles Free Clinic	Los Angeles, CA
2003	 Volunteer – Patient Interviewer University of California, Los Angeles Medical Center 	Los Angeles, CA
2000	Volunteer – Patient Escort	

SKILLS/HOBBIES

Proficient in musculoskeletal ultrasound –performed over 500 musculoskeletal ultrasound diagnostics and procedures Fluent in Taiwanese and Mandarin

Proficient with Microsoft Word, PowerPoint, Excel, FrontPage, and Photoshop

Hobbies include basketball, Los Angeles Lakers, technology, internet surfing, dogs, online discount deals