

Curriculum Vitae



Vernon B. Williams, MD
Sports Neurology & Pain Medicine
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Current Positions

- 3/2015 – Present** *Commissioner*
California State Athletic Commission
- 2/2015 – Present** *Member, Concussion Task Force*
Arena Football League
- 4/2014 – Present** *Chair, Sports Neurology Section*
American Academy of Neurology
- 8/2012 – Present** *Founding Director, Sports Neurology Fellowship*
Kerlan-Jobe Center for Sports Neurology and Pain Medicine
Los Angeles, CA
- 1/2011 – Present** *Founding Director, Center for Sports Neurology*
Kerlan-Jobe Orthopaedic Clinic
Los Angeles, CA
- 4/2010 – Present** *Chief Compliance Officer, Compliance Committee*
Kerlan-Jobe Orthopaedic Clinic
Los Angeles, CA
- 3/2007 - Present** *Chief Medical Officer*
Sports Concussion Institute
Los Angeles, CA
- 8/1997 - Present** *Director, Pain Management*
Kerlan-Jobe Orthopaedic Clinic
Los Angeles, CA

Education

University of Michigan, Ann Arbor, MI
Inteflex Accelerated Pre-Medical/Medical Program
M.D., School of Medicine, 1992
B.S., Biomedical Sciences, 1989

Post Graduate Training

7/1996 – 6/1997

Clinical Fellow
Department of Anesthesiology and Critical Care
Division of Pain Medicine
Johns Hopkins Hospital
Baltimore, MD

7/1993 – 6/1996

Resident
Department of Neurology
University of Maryland Medical Center
Baltimore, MD

7/1992 – 6/1993

Intern
Department of Internal Medicine
Henry Ford Hospital
Detroit, MI

Employment History

3/2005 – 2/2007

Director, Pain Management Clinic
Sports Concussion Institute
Marina Del Rey, CA

1/1999 – 12/2005

Medical Director, HealthSouth Physical Therapy
Integrated Medical Plaza
Los Angeles, CA

7/1994 – 7/1997

Investigator/Staff Clinician
Innovative Medical Research, Incorporated
Towson, MD

7/1995 – 6/1996

Director of Medical Student Core Neurology Curriculum
Department of Neurology
University of Maryland Medical Center
Baltimore, MD

7/1994 – 6/1996

Ethical Advisory Committee Member
University of Maryland Medical Center
Baltimore, MD

6/1991- 8/1991

Student Fellow of the American Heart Association
Henry Ford Hospital/Wayne County Medical Examiner's Office
Detroit, MI

5/1989 – 8/1989

Summer Fellow
Department of Physical Medicine and Rehabilitation
University of Michigan Medical Center
Ann Arbor, MI

7/1984 – 8/1986

Research Assistant
Department of Neurology
Henry Ford Hospital
Detroit, MI

Publications

1. Williams, V. **Emergencies in Sports Neurology**. CONTINUUM: LIFELONG LEARNING IN NEUROLOGY, 2014;20: 1629-1644
2. Williams V, Staats P. **Intrathecal Baclofen for the Management of Uncontrolled Spasticity**. PAIN DIGEST, 1998;8:158-165
3. Williams V, Pappagallo M. **Entrapment Neuropathies**. In: Raja S (Ed.) Essentials of Pain medicine. Churchill-Livingstone, 1998
4. Williams V, Pappagallo M. **Central Pain**. In: Raja S (Ed.) Essentials of Pain Medicine. Churchill-Livingstone, 1998
5. **Cocaine Associated Intracranial Hemorrhage: Absence of Vasculitis in Fourteen Cases**. NEUROLOGY, 1996;46:1741-1743

Clinical Research

As Primary Investigator:

1. **A Multicenter Double Blind, Randomized, Placebo Controlled, Parallel Group Clinical study of the Safety, and Efficacy of Botox (Botulinum Toxin Type-A) Purified Neurotoxin Complex Injections Into Local Areas of Muscle Spasm in Subjects With Chronic Low Back Pain**. Kerlan-Jobe Orthopedic Clinic. Los Angeles, CA; 1999
2. **Phase II, Double Blind, Placebo Controlled, Parallel, Four Week Evaluation of Efficacy and Safety of Multiple Doses of CJ-13,974 in Subjects With Moderate to Severe Chronic Back Pain**. Kerlan-Jobe Orthopedic Clinic. Los Angeles, CA; 1998
3. **A Multicenter, Double-Blind, Placebo Controlled, Parallel Group, Study of Two Dose Levels of Oral Eletriptan and Two Dose Levels of Oral Sumatriptan For The Acute Treatment of Migraine**. Innovative Medical Research. Baltimore, MD; 1996
4. **Two-Period Crossover Comparison of Rizatriptan (5mg p.o. and 10mg p.o.) To Sumatriptan (25mg p.o. and 50mg p.o.)** Innovative Medical Research. Baltimore, MD; 1996
5. **A Randomized, Double-Blind, Placebo-Controlled, Twelve Month Safety and Efficacy**

- Trial of 120, 240, and 360mg TID of Idebenone (CV-2619) In Patients With Probable Alzheimer's Disease.** Innovative Medical Research. Baltimore, MD; 1996
6. **Protocol for a multicentre, long-term study to maximize migraine relief with 311C90 (MAXIMM).** Innovative Medical Research. Baltimore, MD; 1996

As Sub-Investigator:

1. **A randomized, parallel, double-blind, double-dummy, placebo-controlled study to determine the onset of action of PHZ 136 and Motrin IB in patients with acute muscle-contraction (tension) headache.** Innovative Medical Research. Baltimore, MD; 1996
2. **The efficacy and safety of Alniditan (1.4 Or 1.8mg SC) vs. Sumatriptan (6mg SC) in the acute treatment of migraine: a randomized, double-blind, placebo controlled single-dose trial.** Innovative Medical Research. Baltimore, MD; 1996
3. **A randomized, double-blind, placebo-controlled, parallel group, multicenter, single-dose, dose-range-finding study to assess the efficacy and tolerability of VML 251 in the acute treatment of migraine.** Innovative Medical Research. Baltimore, MD; 1996
4. **An open, multicenter study to evaluate the safety of a recombinant DNA-expressed protein vaccine for Lyme disease in subjects previously enrolled in Lyme 008 and 005 studies.** Innovative Medical Research. Baltimore, MD; 1996
5. **A clinic initiated, double-blind, placebo-controlled, multicenter study to assess the safety and efficacy of topical *n*-docosanol 10% cream (Lidakol) in patients with early stage episodes of acute, recurrent herpes labialis.** Innovative Medical Research. Baltimore, MD; 1996
6. **An active comparator-controlled, parallel-group, one year, double-blind study, conducted under in-house blinding conditions, to assess the safety and efficacy of MK-0966 vs. diclofenac sodium in patients with osteoarthritis of the knee or hip.** Innovative Medical Research. Baltimore, MD; 1996
7. **A randomized, parallel, double-blind, placebo-controlled study to determine the onset of action of Excedrin Extra Strength and Advil in episodic tension-type headache pain.** Innovative Medical Research. Baltimore, MD; 1995
8. **A single-center, double blind, randomized, parallel-group, single dose, placebo-controlled study to evaluate safety and effectiveness of Excedrin Extra Strength in alleviating the headache pain of an acute migraine attack.** Innovative Medical Research. Baltimore, MD; 1995
9. **Evaluation of the protective efficacy, safety, and immunogenicity of a recombinant DNA-expressed protein vaccine for Lyme disease in healthy subjects.** Innovative Medical Research. Baltimore, MD; 1995
10. **A clinic initiated longitudinal study entitled Assessing Migraine Severity II: Identifying Migraneurs Most in Need of Care.** Innovative medical Research. Baltimore, MD; 1994

Lecture Activities

CME/Continuing Education Lectures:

1. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2014
Update on Sports Related Concussion

2. Occidental College Faculty Lecture Series
Speaker
Eagle Rock, CA 2014
Concussion on Campus: Using Physiology and Clinical Assessments to Inform Academic Accommodations

3. Howard University Football Safety Research Workshop
Program Director and Speaker
Washington, D.C. 2014
Sports Neurology in Underserved Communities: Resource-Dependent Application of State of the Art Technologies and Best Practices

4. American Academy of Neurology Sports Concussion Conference
Lecture
Chicago, IL 2014
Clinical Approach to Patients With Post-Concussion Syndrome

5. American Academy of Neurology Annual Meeting
Program Director and Speaker
Philadelphia, PA 2014
Sports Concussion and Other Mild Concussive Injuries

6. California Physical Trainer Association Annual Meeting
Lecture
Pasadena, CA 2013
Concussion Clinical Management Essentials

7. California Physical Trainer Association Annual Meeting
Lecture
Pasadena, CA 2013
Pathophysiology of Concussion

8. California Physical Trainer Association Annual Meeting
Lecture
Pasadena, CA 2013

Return to Play/School/Work After Concussion

9. Case Manager, Claims Adjuster, Risk Manager, Investigator, and Attorney Event
Lecture
Sherman Oaks, CA 2013
Waiting for Forever: Benign Neglect, Permanent Disability and Future Medical Care in Concussion

10. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2013
Sports Related Concussion

11. Sports Concussion Institute Annual Summit on Concussion
Lecture
Atlanta, GA 2013
Hysteria vs Science: Long Term Concussion Risk in Youth

12. American Academy of Neurology Annual Meeting
Program Director and Speaker
San Diego, CA 2013
Sports Concussion and Other Mild Concussive Injuries

13. American Academy of Neurology Annual Meeting
Program Speaker
San Diego, CA 2013
Integrated Neuroscience Symposium
Sports Neurology

14. Los Angeles Neurological Society Meeting
Invited Lecturer
Los Angeles, CA 2012
Introduction and Update on Sports Neurology

15. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2012
Sports Related Concussion

16. Sports Concussion Institute Annual Summit on Concussion
Moderator and Lecturer
Los Angeles, CA 2012
Post-Concussion Headache Management

17. American Academy of Neurology Annual Meeting
Program Director and Speaker
New Orleans, LA 2012

Sports Neurology

18. Ossur Academy: Current Concepts in Sports Medicine
Invited Lecture
Long Beach, CA 2012
Return to Play After Concussion
19. Select PT New Horizons in Sports Medicine
Invited lecture
Los Angeles, CA 2011
Concussion – Current Understanding of Mechanisms & Management
20. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2011
Sports Related Concussion
21. Sports Concussion Institute Annual Summit on Concussion
Moderator and Speaker
Los Angeles, CA 2011
Pain Management in Athletes
22. American Academy of Neurology Annual Meeting
Program Director and Speaker
Honolulu, HI 2011
Sports Neurology
23. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2010
Sports Related Concussion
24. Sports Concussion Institute Annual Summit on Concussion
Moderator and Lecturer
Marina Del Rey, CA 2010
Brachial Plexus Injury, Stingers, and Return to Play
25. Worker's Compensation and Attorney CME Conference
Invited Lecturer
Woodland Hills, CA 2010
Chronic Pain: Where Does it Really Hurt?
26. Worker's Compensation Attorney CME
Invited Lecture
Pasadena, CA 2010
Evaluating Patients With Sub-Acute and Chronic Pain

27. American Orthopedic Society for Sports Medicine Annual Meeting
Invited Lecture
Providence, RI 2010
Update on Concussion
28. Sports Concussion Institute Annual Summit on Concussion
Co-Chair and Speaker
Marina Del Rey, CA 2009
Evaluation and Management of Headache in Concussion
29. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2009
Sports Related Concussion
30. CNA Worker's Compensation Symposium
Invited Lecture
Los Angeles, CA 2009
Head Injuries in the Workplace
31. SEIU-UHW and Joint Employer Education Fund
Invited Lecture
Los Angeles, CA 2009
Neuropathic Pain Mechanisms
32. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2008
Science and Art in Concussion Management
33. State Compensation Insurance Fund Symposium
Invited Lecture
Glendale, CA 2008
Pain Management: Basic, Problems, and Solutions
34. Sports Concussion Institute Annual Summit on Concussion
Plenary Session Lecture
Marina Del Rey, CA 2008
Concussion Management: Beyond Waiting and Watching
35. Sports Concussion Institute Annual Summit on Concussion
Clinical Management Track Lecture
Marina Del Rey, CA 2008
Pain and Neurobehavioral Disorders in Concussed Athletes
36. Harbor UCLA Medical Center Grand Rounds
Department of Neurology
Harbor City, CA 2008

Management of Neuropathic Pain

37. American Academy of Neurology Annual Meeting
Program Director and Speaker
Toronto, Canada 2007
Pharmacotherapy for Pain
38. Kerlan-Jobe Orthopaedic Clinic Worker's Compensation Update
Symposium Co-Director and Speaker
Culver City, CA 2007
Pain Management in Worker's Compensation
39. Sports Concussion Institute Annual Summit on Concussion
Plenary Session Speaker
Marina Del Rey, CA 2007
Clinical Management of Concussion
40. American Orthopedic Society for Sports Medicine
21st Annual Kerlan-Jobe Alumni Research Conference
Invited Lecture
Calgary, Alberta Canada 2007
Pain Management in the Setting of Outpatient Surgery
41. Cedars-Sinai Medical Center Grand Rounds
Department of Neurosurgery
Invited Lecture
Los Angeles, CA 2007
Neurologic Approach to Pain Management
42. Kerlan-Jobe Orthopaedic Foundation
Sports Medicine Lecture Series
Invited Lecture
Los Angeles, CA 2007
Sports Concussion: Update and Controversies
43. Crenshaw High School
Health, Safety, Athletic Training Course
Invited Lecture
Los Angeles, CA 2007
Sports Related Concussion: Overview, Update, Controversies and Unknowns
44. Long Beach Bar Association
Invited Lecture
Catalina Island, CA 2007
A Neurological Approach to Pain and Head Injury
45. American Academy of Neurology Annual Meeting
Program Director and speaker
San Diego, CA 2006
Pharmacotherapy for Pain

46. Kerlan-Jobe Orthopaedic Clinic Worker's Compensation Update
Symposium Co-Director and Speaker
Los Angeles, CA 2005
Thoracic Outlet Syndrome
47. Kerlan-Jobe Worker's Compensation Symposium
Panel Lecture
Culver City, CA 2003
EMG, NCV, MRI, MRN, QST, SSEP:
Neurodiagnostic Testing in the Upper Extremity (The Alphabet Paradox)
48. Centinela Hospital Medical Center Retreat & CME Conference
Invited Lecture
La Jolla, CA 2002
Pain Management
49. Kerlan-Jobe Orthopaedic Clinic Worker's Compensation Symposium
Panel Lecture
Culver City, CA 2001
Thoracic Outlet Syndrome
50. Kerlan-Jobe Orthopaedic Clinic Worker's Compensation Symposium
Panel Lecture
Beverly Hills, CA 2000
Practical Choices and Non-Surgical Pain Management

Community and Non-CME Lectures:

1. National Council on Youth Sports Safety
Invited Speaker
Los Angeles, CA 2014
**PASS National Tour: Community Huddle on Concussion
Culture of Injury Prevention and Care Around Coaching**
2. Palos Verdes High School
Invited Speaker
Palos Verdes, CA 2013
Sports Neurology and Concussion Prevention
3. Inaugural 2nd MD Informational Webinar
Keynote Lecture
Los Angeles, CA 2013
Youth Concussion: Protect Your Child's Brain
4. LA84 Foundation Conference: Should Children Play Tackle Football
Panel Speaker/Moderator
Los Angeles, CA 2013
Youth Football Head Injuries: What Do We Know

5. Pop Warner Los Angeles County Health and Safety Meeting
Palos Verdes Football & Cheer
Invited Lecturer
Palos Verdes, CA 2013
Concussion in Youth Football
6. American Brain Foundation
Panel Speaker
San Diego, CA 2013
Brain Health Fair
Update on Brain Injury/Concussion
7. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Manhattan Beach, CA 2013
Change Your Brain to Change Your Pain
8. Pop Warner Los Angeles County Health and Safety Meeting
Palos Verdes Football & Cheer
Invited Lecturer
Palos Verdes, CA 2012
Concussion in Youth Football
9. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Culver City, CA 2012
Change Your Brain to Change Your Pain
10. LA84 Foundation Coaches Education Meeting
Invited Lecture
Los Angeles, CA 2012
Concussion in Youth Sports
11. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Manhattan Beach, CA 2012
Non-Operative Management Pain Management
12. Harvard-Westlake School Sports Medicine
Invited Lecture – Athletic Training Staff
Studio City, CA 2012
Concussion In High School Athletes
13. Palos Verdes High School
Invited Lecture – Athletes/Parents
Palos Verdes Estates, CA 2012
Concussion in High School Athletes
14. Pop Warner Health and Safety Meeting
Invited Lecture – Team Parents/Coaches

Rancho Palos Verdes, CA 2011
Youth Sports Concussion Management

15. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Santa Monica, CA 2011
A Sports Neurologist's Approach to Spine & Pain Management
16. Palos Verdes High School
Invited Lecture – Athletes/Parents
Palos Verdes Estates, CA 2011
Concussion in High School Athletes
17. Pop Warner Health and Safety Meeting
Invited Lecture – Team Parents/Coaches
Rancho Palos Verdes, CA 2010
Youth Sports Concussion Management
18. Riviera Sports Physical Therapy and ATC
Invited Lecture – League Athletic Trainers
Redondo Beach, CA 2010
Acute Concussion Management
19. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Torrance, CA 2010
Pain Management 2010: Concepts and Practical Techniques
20. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Garden Grove, CA 2010
Pain Management 2010: Concepts and Practical Techniques
21. Kerlan-Jobe Spine Center Marina Hospital Seminar Series
Community Lecture
Manhattan Beach, CA 2009
Non-Surgical Management of Spine Pain
22. Kerlan-Jobe Spine Center Marina Hospital Seminar Series
Community Lecture
Manhattan Beach, CA 2008
Best Approach to Spine Pain Management
23. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture
Torrance, CA 2008
Non-Surgical Management of Back and Chronic Pain
24. Kerlan-Jobe Spine Center & Marina Hospital Seminar Series
Community Lecture

Irvine, CA 2008
Non-Surgical Management of Back and Chronic Pain

Consulting Activities

Course Development:

6/2012 – Present American Academy of Neurology - Neurolearn CME Program
“Essentials of Clinical Management of Concussion”

Sports Neurology:

8/2014 – Present University of Wyoming
8/2014 – Present El Camino College
1/2014 – Present Los Angeles KISS
1/2014 – Present NFLPA College Bowl Medical Staff
1/2013 - Present USOC Olympic Medical Center of Excellence
10/1997 - Present Los Angeles Lakers
10/1997 - Present Los Angeles Dodgers
10/1997 - Present Los Angeles Kings
10/1997 - Present Los Angeles Sparks
10/1997 - Present Los Angeles Angels of Anaheim
10/1997 - Present Anaheim Ducks
10/1997 - Present Loyola University
07/2013 - Present Occidental College
8/2011 - Present Palos Verdes High School
8/2009 - Present Harvard-Westlake School
10/1997 - Present Crenshaw High School
4/2005 - Present Banning High School
4/2005 - Present Carson High School
4/2010 - Present Westchester High School
8/2001 - Present Fullerton College
1/2010 - 9/2011 All-American Heavyweights
3/2000 - 4/2009 Los Angeles Avengers
1/ 2006 - 12/2006 “The Contender” Reality Boxing television series

Pain Medicine:

9/2014 – Present Aligned, Inc.
1/2008 - Present Cephalon, Inc.

2/2007 - Present	Pfizer, Inc.
3/2001 - 12/2006	Frontier Medical, Inc.
1/2000 - 10/2005	Hayes' Plus Inc.
1/2000 - 9/2004	Merck, Inc.

Editorial Board

3/2011 - Present	<u>Frontiers in Sports Neurology</u>
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Professional Memberships

1/2013 – Present	American College of Sports Medicine
11/2012 – Present	North American Brain Injury Society
8/2012 - Present	International Neuromodulation Society
8/2012 - Present	North American Neuromodulation Society
1/2006 - Present	California Society of Interventional Pain Physicians
1/2005 - Present	American Society of Interventional Pain Physicians
7/1997 - Present	American Academy of Neurology
10/1997 – 11/2006	International Spinal Injection Society

Board Memberships

1/2000 – Present	Kerlan-Jobe Orthopaedic Foundation Board of Directors
3/2010 – Present	American Academy of Neurology - Sports Neurology Board
1/2001 – Present	Team HEAL Board of Directors
1/2010 – 12/2010	Elite Sports Performance Advisory Board
1/2007 – 12/2009	Velocity Sports Performance Redondo Beach Advisory Board

Certification and Licensure

American Board of Psychiatry and Neurology
Medical Board of California: License # G84209
Medical Board of Connecticut: License # 051477
DEA Certification - Opioid Withdrawal w/Buprenorphine