

# Barry I. Ludwig, M.D.

## CURRICULUM VITAE

<b>Office Address</b>	2811 Wilshire Blvd., Suite 508 Santa Monica, CA 90403  Phone- 424.387.4001 E-mail- bludwig@mednet.ucla.edu
<b>Birth Date</b>	November 7, 1945
<b>Marital Status</b>	Married (46 years, same wife), 1 daughter
<b>Education</b>	<u>A.B.</u> cum laude 1967- Majors: Spanish language and Pre-medical studies <u>M.D.</u> 1971 Washington University, St. Louis, Missouri
<b>Languages</b>	English, Spanish
<b>Academic Appointment</b>	<b>Clinical Professor of Neurology-UCLA, 2003 to present.</b>
<b>*Special Presentations</b>	<b>Service Award- Presented by the UCLA Department of Neurology Voluntary Faculty Association-</b> for 35 years of service to the UCLA Neurology Residency Program. Presented March 2015.  <b>“In Recognition of Outstanding Teaching of Neurology Residents and Students at the UCLA Medical Center.”</b> Presented at the annual meeting of the UCLA Clinical Faculty on March 13, 2013.  <b>2015 Voluntary Faculty Award- For excellence in teaching</b> “Gratefully acknowledged by the residents in the Department of Neurology, David Geffen School of Medicine at UCLA”, March 26, 2015.  <b>Service Award- Presented by the UCLA Department of Neurology Voluntary Faculty Association-</b> for 40 years of service to the UCLA

**Neurology Residency Program- Presented April 2018.**

**Prior Appointments**

Associate Clinical Professor of Neurology-UCLA  
1992-2003

Assistant Clinical Professor of Neurology-UCLA  
1978-1992

**Hospital  
Affiliations**

UCLA Medical Center  
Los Angeles, California, 1978 to present

Daniel Freeman Memorial Hospital  
Inglewood, California, 1978 to 2002

Daniel Freeman Marina Hospital  
Marina del Rey, California, 1980 to 2002

**Awards**

Sigma Delta Phi - Spanish National Honorary  
Society - 1967

Alpha Omega Alpha - Medical Honor Society - 1971  
Teaching Award - UCLA General Medical Program –  
1980-81

**Certificate of Distinction in Recognition of  
Outstanding Teaching of Neurology Residents  
and Students- UCLA Department of Neurology-  
2005**

**Service Award- from the UCLA Department of  
Neurology Voluntary Faculty Association- for 25  
years of Service to the Residency Program- March  
24, 2006**

**Board Membership**

Diplomat, National Board of Medical Examiners,  
1972

American Board of Qualifications in EEG, 1978

**American Board of Clinical Neurophysiology**

**Diplomate, American Board of Psychiatry and  
Neurology, 1979**

Active Member by Examination - American

Association EMG and Electrodiagnosis, 1981

**Diplomate, American Board of Electrodiagnostic Medicine, May 1989**

**Fellow- American Association of Neuromuscular & Electrodiagnostic Medicine, 2005.**

## **Certification**

**Appointed Independent Medical Examiner** Division of Industrial Accidents, State of California, November 1988

Certified as **Qualified Medical Evaluator** by the Industrial Medical Council of California, by examination, June 29 1994-2004.

Certified Member, American Society of Neuro-rehabilitation, September 28, 1992

## **Societies**

American Academy of Neurology

American Clinical Neurophysiology Society  
(Formerly American EEG Society)

American Epilepsy Society

California Medical Association

Los Angeles County Medical Association

Brain Injury Association

Member, Professional Advisory Board, Southern California Head Injury Foundation, 1982 to 1984

Board of Trustees - LA County Epilepsy Society, 1981 to 1989 - Chairman, Professional Advisory Board, 1986 to 1988

## **Postgraduate Training**

Intern in Medicine, 1971-1972, University of Colorado Medical Center, Denver, Colorado

**Resident in Neurology**, 1972-1973, 1975-1977, **Chief Resident** 1977, Albert Einstein College of Medicine, Bronx, New York

Clinical Associate EEG and Clinical Neurophysiology,  
1973-1975, National Institutes of Health (NINDS),  
Bethesda, Maryland

Honorary Assistant House Physician, March-April  
1975, Institute of Neurology, National Hospital,  
Queen Square, London, England

## Previous Appointments

Instructor Clinical Neurology, Director,  
Electrodiagnostics Department, 1977-1978,  
Albert Einstein College of Medicine, Montefiore  
Hospital and Medical Center, Bronx, New York

Board Member, Rehabilitation Section, American  
Academy of Neurology May 1990-1992

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## Teaching Experience

Student Preceptor, Albert Einstein College of  
Medicine, 1976 to July 1978  
Weekly EEG/Clinical Correlation Conference for  
Neurology Residents and Staff, Montefiore Hospital  
Medical Center, 1976 to July 1978

Training of UCLA Medical Residents in Neurology,  
1980 to 1993

Training of UCLA Neurorehabilitation Fellow at  
Daniel Freeman Memorial Hospital, 1988-1993

## **Attending Neurologist, Neurology Clinic, UCLA Medical Center, 1978 to present**

Attending Physician, Epilepsy Clinic, UCLA Medical  
Center, October 1985-1992

## Hospital Positions

**Director, Head Trauma Unit, 1981 to 2001,  
Daniel Freeman Memorial Hospital**

**Medical Director, New Pathways- Outpatient  
Brain Injury Program, Daniel Freeman Memorial  
Hospital, January 2001 to June 2002.**

**Hospital Committees**  
**Daniel Freeman**  
**Hospital**

Medical Education 1980-1987  
 Neuroscience 1978- 2001

Credentials 1986 to 1988

Rehabilitation Physicians 1981 to 2001, Chairman,  
 1986-1988

Medical Executive 1984 to 1990 and 1995-1997

**Invited Lectures**

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|------|---|
| 1980 | <p>To the members of the California Epilepsy Society,<br/>         Los Angeles, March 15, 1980</p> <p>To the members of the Western Society of EEG<br/>         Technicians, Newport Beach, California, July 12,<br/>         1980</p>  |
| 1981 | <p>Continuing medical education course, "Neurology for<br/>         Internists", sponsored by Albert Einstein College of<br/>         Medicine, San Francisco, California, January 9, 1981</p>  |
| 1982 | <p>To the UCLA General Medical Residents, "Neurology<br/>         for Internists", UCLA, May 18, 1982</p> <p>To the Southern California Head Injury Foundation,<br/>         University of California at Irvine, June 26, 1982</p> <p>To the Orange Coast College- EEG School, Long<br/>         Beach, California, September 1982</p> <p>To the LA County Epilepsy Society, "Epilepsy<br/>         "Update", Los Angeles, California, October 29, 1982</p> <p>To the Physical and Occupational Therapy<br/>         Department of the University of Southern California.<br/>         "Head Trauma Evaluation", November 3, 1982</p> |
| 1983 | <p>UCLA Extension Symposium - "Head and Neck<br/>         Trauma, Neurological Aspects", Neuropsychiatric<br/>         Institute UCLA, May 13-15, 1983</p> <p>Southern California Head Injury Foundation Seminar,<br/>         "Long Term Neurologic Sequelae of Brain Injury",<br/>         Los Angeles, June 11, 1983</p>   |

Community Lecture, "New Concepts in the Diagnosis and Treatment of Headache", Manhattan Beach, California, September 14, 1983

1984

Daniel Freeman Hospital, Los Angeles Nursing Symposium, "Pharmacology Update 1984, Anti-convulsant Drugs", March 20, 1984

To the Rehabilitation Students - Mt. St. Mary's College, "Epilepsy and Movements Disorder", March 27, 1984

To the University of Southern California Physical Therapy and Occupational Therapy Students, "Head Injuries", October 29, 1984

1985

Third Annual Southwest Head Injury Symposium - sponsored by the Center for Rehabilitation Medicine, Northridge Hospital Medical Center. "Sleep Disorders in Head Injured Patients". February 3, 1985, Costa Mesa, California

California Association of Rehabilitation Professionals. "Post-Concussion Syndrome", Universal City, California, February 22, 1985

To the Los Angeles County Epilepsy Society, "Overview of Epilepsy", Los Angeles, May 13, 1985

To the Medical Staff of Queen of the Valley Hospital, "Post-Concussion Syndrome", West Covina, California, September 9, 1985

1986

To the Rehabilitation Staff of Daniel Freeman Hospital. "Use of EEG and Evoked Responses in Rehabilitation", January 2, 1986

To the Southern California Head Injury Foundation. "Seizures in Patients with Brain Trauma", March 17, 1986

To the Physical Therapy Students of Mt. St. Mary's College, "Evaluation of Seizures", April 15, 1986

To the Physical Therapy Students of the University of Southern California on "Evaluation of Coma", May 8, 1986

To the National Association of Rehabilitation Professionals in the Private Sector, "Seizures and "Shakes", Newport Beach, California, September 2, 1986

Post-graduate seminar at Cal State LA, "Nature a Sequelae of Head Injury", October 21, 1986

1987 To the 34<sup>th</sup> Annual Western Safety Congress, "Minor Head Injury - Are Symptoms Real or Imagined?", Anaheim, California, March 1987

To the LA Casualty Claims Managers Association, "Minor Brain Injury", Los Angeles, March 24, 1987

To the University of Southern California Physical - Occupational Therapy Students, "Head Injury and Its Rehabilitation", Los Angeles, November 12, 1987

1988 LA Resource Center - "Head Injury Overview", Torrance, California, October 4, 1988

**To the Association of Defense Counsel of Northern California, "Evaluation the Head Trauma Case", San Francisco, December 8, 1988**

1989 To the Greater LA District of the American Physical Therapy Association, "Gait Disorders", Los Angeles, March 21, 1989.

The Eighth Annual Symposium of the Southern California Head Injury Foundation - Technology: Diagnostics and Applications, Northridge, California, September 16, 1989

1990 Third International Symposium - Neuro-Orthopedic

Management of the Traumatic Brain injured Adult  
 “Post-traumatic Seizure Disorders”, Anaheim,  
 California, June 21, 1990

To the Quarterly Staff Meeting, Department of  
 Rehabilitation, Cedars Sinai Medical Center -  
 “New Diagnostic Procedures Used in Clinical  
 Neurology”, July 20, 1990

Psychological and Medical Management of  
 Behavioral Disorders. Presented at the Ninth  
 Annual National Head Injury Foundation  
 Symposium, New Orleans, Louisiana,  
 November 4, 1990

1991

To the Case Managers of the State Compensation  
 Insurance Fund, “Brain Mapping - Pros and Cons”,  
 Monterey Park, California, January 25, 1991

To Abbey/Foster Medical’s National Sales and  
 Management Meeting, “Home Health Care for the  
 Neurologically Impaired Patient in the 1990’s”,  
 Palm Springs, California, April 8, 1991

At the 43<sup>rd</sup> Annual Meeting of the American Academy  
 of Neurology, Course No. 342, Neurologic  
 Rehabilitation, “Pharmacologic Approaches Utilized  
 to Control Agitation and Aggressive Behavior on the  
 Rehabilitation Ward”, Boston, MA, April 26, 1991

Keynote Address at the Tenth Annual Symposium of  
 the Southern California Head Injury Foundation,  
 “Medical Management in the 90’s”, Long Beach,  
 Memorial Hospital, June 8, 1991

At the Educational Course sponsored by the Section  
 of Neurorehabilitation of the American Academy of  
 Neurology, Los Angeles, October 13-18, 1991,  
 “Common Management Problems in TBI  
 Rehabilitation”, October 14, 1991  
 “Understanding and Managing Agitation and  
 Aggressive Behavior”, October 15, 1991  
 “Persistent Vegetative State and Its Management”,  
 October 17, 1991

At the 10<sup>th</sup> Annual Symposium of the National Head Injury Foundation, "Neurodiagnostic Procedures: Uses and Misuses", Los Angeles, December 13, 1991

1993 To UCLA Neuropsychology Fellows - as part of a seminar on brain injury, "Overview of Head Trauma", January 6, 1993

Southern California Head Injury Foundation, "Head Trauma Update", Los Angeles, May 17, 1993

To the Regional Physical Medicine CME Meeting, Kaiser Permanente Medical Group, "Cognitive Rehabilitation", Pasadena, California, Oct 4, 1993

1994 Course Director - Traumatic Brain Injury: A Medical and Legal Epidemic. A seminar for legal professionals presented January 8, 1994 at Daniel Freeman Memorial Hospital

To the UCLA neuropsychology Fellows, "Post-traumatic Epilepsy", Los Angeles, June 7, 1994

1995 To the Rehabilitation Nurses Society, "Post-traumatic Epilepsy", Montebello, California, January 26, 1995

To the Medical Staff of Daniel Freeman Marina Hospital, "Epilepsy Update", Marina del Rey, California, January 27, 1995

To the Los Angeles City Attorney's Office, "Traumatic Brain Injury: An Overview", Los Angeles, March 28, 1995

To the Rehabilitation Nurses, Daniel Freeman Memorial Hospital, "Drug Treatment for the Severely Agitated Brain-Injured Patient", Inglewood, California, October 26, 1995

To the External Case Managers for Catastrophic Injuries, "Post-traumatic Epilepsy, Daniel Freeman Memorial Hospital, Inglewood, California, November 1, 1995

To the Medical Staff of Daniel Freeman Memorial Hospital, "Post-traumatic Epilepsy Update with Emphasis on Newer Drug Strategies", Inglewood, California, November 13, 1995

1996

To the Regional Physical Medicine Staff of the Southern California Permanente Medical Group, "Traumatic Brain Injury Update", Pasadena, California, March 15, 1996

To the External Case Managers of Daniel Freeman Memorial Hospital, "Update on Neurodiagnostic Procedures", October 10, 1996

To the Nursing Staff of Daniel Freeman Memorial Hospital, "New Technologies in the Evaluation of Brain Injury", October 24, 1996

1997

"Sidelining Head and Spinal Injuries in High School Athletes", Radisson Plaza Hotel, Manhattan Beach, California, June 10, 1997

To the Medical Staff of Daniel Freeman Memorial Hospital, "An Overview of Traumatic Brain Injury", June 27, 1997

To the Rehabilitation Staff at Daniel Freeman Memorial Hospital, "Update on Seizure Disorders with Emphasis on Newer Drug Therapies, October 31, 1997

1998

To the Regional Physical Medicine Staff of the Southern California Permanente Medical Group, "Issues in TBI Rehabilitation", Pasadena, California, March 6, 1998

2000

To the Rehabilitation Staff of Daniel Freeman Memorial Hospital, "Medical Management of the Slow to Recover Brain-Injured Patient," February 24, 2000.

To the Medical Staff of Daniel Freeman Memorial Hospital, "Advances in the Treatment of Parkinson's Disease," October 30, 2000.

- 2001            To the Trigeminal Neuralgia Association, "Update on the Treatment of Trigeminal Neuralgia", Cedars Sinai Medical Center, May 19, 2001.
  
- 2003            To the Western Society of Electrodiagnostic Technologists, "Traumatic Brain Injury: Evaluation and Management", San Diego, February 14, 2003.
  
- 2004            To the Litigation Section of the San Fernando Valley Bar Association, "Traumatic Brain Injury", Canoga Park, February 26, 2004.
  
- 2005            **To the Association of Southern California Defense Counsel "Keeping Ahead of the Mild Traumatic Brain Injury Case". Century Plaza Hotel, LA, March 3, 2005.**
  
- 2007            "Alzheimer's Disease: When Caregivers Need Care". UCLA 2007 Women's Conference. Tom Bradley International Hall, UCLA, March 3, 2007.
  
- 2010            **At the Consumer Attorneys Association of Los Angeles (CAALA), 28<sup>th</sup> Annual Las Vegas Convention. "Experts" session: "Damages". September 3, 2010.**
  
- 2016            **At the ABOTA (American Board of Trial Advocates) Masters in Trial Meeting. "Cutting Edge Issues at Trial: Trying the Problematic Catastrophic Injury Case." Neurologic Issues; TBI and CRPS. Southwestern Law School. June 10, 2016.**

#### **Papers Presented**

Use of ambulatory EEG in patients with severe head injury. Presented at the Fourth Annual Southwest Regional Head Injury Symposium, Snowmass, Colorado, January 23-25, 1985

Use of ambulatory EEG on a Brain Injury Unit. Presented at the Seventh Annual Traumatic Head

1986

Conference, Braintree, Massachusetts, October 8-10,

Use of Topographic EEG Mapping in Brain Injured Patients by Barry I. Ludwig, M.D. and Roger Light, Ph.D. Presented at the Sixth Annual Head Injury Foundation Symposium, San Diego, California, December 10, 1987

Newer Neurodiagnostic Procedures: Are They Worth The Cost? Presented at the Fifth Annual Case Management of Catastrophic Injury Conference, Palm Springs, California, March 16, 1990

### **Media/ Misc**

Television interview regarding Head Trauma  
Channel 1 News 10/8/85  
Channel 13 News 10/10/85

Stroke and Stroke Rehabilitation on Health Matters,  
KHJ Channel 9 in Los Angeles, October 25, 1987

"Brain Injury Rehabilitation: Acute Phase" Hospital  
Satellite Network over KPBS-TV San Diego,  
California, November 18, 1987

Epilepsy. Health Matters Program. KHJ Channel 9 in  
Los Angeles, December 27, 1987

Television interview regarding Head Trauma KCOP-  
Channel 13 News in Los Angeles, January 26, 1988

9/4/97 - KNBC 4pm & 5pm News (Channel 4 in Los  
Angeles). Brief interview regarding brain injury.

9/4/97 - WB 10pm News (Channel 5 in Los Angeles).  
Brief interview regarding traumatic brain injury.

9/8/97 - NBC (national) program - Extra 7pm. Brief  
interview regarding traumatic brain injury.

E! Entertainment Channel - Interview regarding Brain  
Injury in a Hollywood Celebrity, August 2, 1998, 8pm  
to 9pm.

Listed as one of the country's top neurologists by the

Center for the Study of Service's Guide to Top Doctors. Washington, D.C. 1999, ISBN 1-888124-06-7

Discovery Health Channel- Interview regarding traumatic brain injury. April 2003.

Selected "**Best Doctor**"- by peers 1997-2017.

Selected "**Super Doctor**"- by peers 2000-2017.

#### Other

**Krav Maga Worldwide- Level 4 (Blue Belt);  
360 Krav Maga- Brown Belt  
Black Belt- 360 Krav Maga by Alan Predolin  
September 2018**

#### Patient Testimonials in Print

1. Busey, Gary: A near-fatal motorcycle crash changes an actor's life, but not his refusal to wear a helmet. People Magazine. May 15, 1989, pg. 66.

2. Connelly, Jim: One More Sunset. Shamrock International Press, 2001, pages 77, 78,90.

#### Bibliography

1. Ludwig BI, Ajmone Marsan C and VanBuren JM: Seizures of probable orbitofrontal origin. Epilepsia 16:141, 1975
2. Ludwig BI and Ajmone Marsan C: Clinical ictal patterns in patients with EEG occipital foci. Neurology 25:463, 1975
3. Ludwig BI and Ajmone Marsan C: EEG changes after withdrawal of medication in epileptic patients. Electroenceph Clin Neurophysiol 39:173, 1976
4. Ludwig B, Ajmone Marsan C and Van Buren JM: Depth and direct cortical recording in seizure disorders of extra-temporal origin. Neurology 26:1085, 1976
5. Ludwig BI, Swerdlow ML: Lethal cerebellar infarction with normal EMI scan: Two cases (abstr)

Neurology 27:404, 1977

6. Engel J, Ludwig BI and Fetell M: EEG and behavioral observations of prolonged partial complex status epilepticus. Neurology 28:863, 1978

7. Ludwig BI: Psychopharmacologic management of the difficult patient. In Brain Injury Rehabilitation. The Leading Edge. J Neuro Rehab 3:143, 1989

8. Ludwig BI: Post-traumatic Seizures. Physical Medicine and Rehabilitation: State of the Art Reviews. Vol 7, No. 3, Oct 1993.

Revised –April 2018