

**JOHN M. STERN, MA, MD,  
FAES, FANA, FAAN**

Department of Neurology  
Geffen School of Medicine  
University of California, Los Angeles  
710 Westwood Plaza, Suite 1250  
Los Angeles, CA 90095-1769

310-825-5745 / jstern@ucla.edu

Professor, Department of Neurology, Geffen School of Medicine at UCLA, 2012 – present  
Director, Epilepsy Clinical Program, UCLA Department of Neurology, 2013 – present  
Director, Epilepsy Fellowship Program, UCLA Medical Center, 2014 – present  
Medical Director, Seizure Disorder Center, UCLA Medical Center, 2020 – present  
Co-Director, Seizure Disorder Center, UCLA Medical Center, 2000 – present

Associate Professor, Department of Neurology, Geffen School of Medicine, 2006 – 2012  
Assistant Professor, Department of Neurology, Geffen School of Medicine, 2000 – 2006  
Associate Director, UCLA Neurology Residency Training Program, 2001 – 2008  
Neurologist, San Fernando Valley Neurological Medical Group, 1999 – 2000

Diplomate in Neurology, American Board of Psychiatry and Neurology, certified 1999,  
recertified 2009, 2019

Diplomate in Clinical Neurophysiology, American Board of Psychiatry and Neurology,  
certified 1999, recertified 2011

Diplomate in Clinical Neurophysiology with Added Competency in Epilepsy Monitoring,  
American Board of Clinical Neurophysiology, certified 1999, recertified 2009, 2019

Diplomate in Epilepsy, American Board of Psychiatry and Neurology, certified 2013

**EDUCATION**

University of California, Los Angeles Medical Center  
Fellowship in Epilepsy and Clinical Neurophysiology, 1997-1999  
Mentor- Jerome Engel, Jr., MD, PhD

University of California, Los Angeles Medical Center  
Residency in Neurology, 1994-1997; Chief 1996-1997  
Residency Training Committee, 1995-1996

Beth Israel Medical Center, New York, NY  
Internship in Internal Medicine, 1993-1994

Mount Sinai School of Medicine, New York, NY  
Doctor of Medicine, 1989-1993  
National Hospital for Neurology and Neurosurgery, Queen Square, London, UK, 1993  
American Medical Student Association, chapter co-president, 1990-1991

Wesleyan University, Middletown, CT  
MA in Physical Biochemistry and concurrent BA in Molecular Biology and  
Biochemistry with High Honors, 1985-1989  
Master's Thesis - "Multinuclear Magnetic Resonance Investigation of the Interactions  
between a DNA Dodecamer and Metal Ions."

## RESEARCH

- Simultaneous EEG and functional MRI applied to epilepsy network identification  
Leff Family Foundation, "fMRI Networks of Temporal Lobe Epilepsy," 2008-2020,  
PI: Stern  
Fidelity Charitable Gift Fund Grant, "Mapping the Anatomy of Epilepsy," 2009-2011,  
PI: Stern  
Boeing Employee Community Fund, "High Resolution Identification of the Brain Sources  
for Epilepsy," 2010, PI: Stern  
Research Career Award (K23), National Institute of Neurological Disorders and Stroke  
"Simultaneous fMRI and EEG of Epileptogenic Brain Regions," 2004-2010. PI: Stern  
Epilepsy Foundation Merritt-Putnam Clinical Research Fellowship. "fMRI Identification of  
the Epileptic Network," 2009-2010. Co-Mentor (PI: Haneef)  
International Neuroscience Fellowship (F05), National Institutes of Health. "Functional  
MRI and EEG delineation of epileptogenic regions," 2005-2006. Co-Mentor (PI:  
Tripathi)  
Epilepsy Foundation Pre-Doctoral Fellowship, "Development and Use of Simultaneous  
EEG and fMRI," 2000-2001. Co-Mentor (PI: Goldman)  
Epilepsy Foundation Victor Horsley Clinical Research Fellowship. "Clinical Application of  
fMRI in the Mapping of Epileptiform Discharges," 1998-1999. PI: Stern  
National EpiFellows Foundation Research Award. "Clinical Application of fMRI in the  
Mapping of Epileptiform Discharges," 1998-1999. PI: Stern
- Deep brain stimulation treatment of medication refractory epilepsy  
Medtronic. "Stimulation of the Anterior Nucleus of the Thalamus in Epilepsy (SANTE)  
Trial," 2004-2008. Site Co-PI: Stern
- Resective surgical treatment of medication refractory epilepsy  
National Institutes of Neurologic Disorders and Stroke. "Early Randomized Surgical  
Epilepsy Trial (ERSET)," 2002-2007. Site PI Committee Chair, Medical Monitor,  
Steering Committee Member (PI: Engel)
- Transcranial Magnetic Stimulation evaluation and treatment of epilepsy  
Stein-Oppenheim Award, UCLA School of Medicine: "Application of  
Transcranial Magnetic Stimulation to Seizure Prediction, Lateralization, and  
Treatment," 2003-2006. PI: Stern  
American Academy of Neurology Clinical Research Fellowship. "Investigation of Low  
Frequency rTMS as a Treatment for Epilepsy," 2002-2004. Co-Mentor (PI: Schrader)  
National EpiFellows Foundation Research Award. "Investigation of Low Frequency rTMS  
as a Treatment for Epilepsy," 2002-2003. Co-Mentor (PI: Schrader)
- Familial Calcification of the Basal Ganglia  
Dystonia Medical Research Foundation Grant. "Identification of a Chromosomal Locus  
for Fahr's Disease," 1998-1999. Co-Investigator (PI: Geschwind)
- Nuclear Magnetic Resonance spectroscopy of cation binding to DNA  
Howard Hughes Medical Institute Undergraduate Research Program in Life Sciences,  
Research Grant, 1988-1989. PI: Stern

## HONORS

- Dadone Clinical Teaching Award, Geffen School of Medicine at UCLA, 2017

UCLA Neurology Faculty Teaching Award (Golden Hammer), 2011  
Outstanding Teaching to Residents Award, UCLA Department of Neurology, 1999  
Hawk Prize for outstanding research in biochemistry, Wesleyan University, 1989  
Sigma Xi Scientific Honor Society, elected membership, 1988

Southern California Super Doctors, chosen 2008-2021. Hall of Fame, 2017  
Castle Connolly Top Doctors, chosen 2018, 2019, 2020, 2021  
Best Doctors in America, chosen 2005-2020  
Top Doctors, Los Angeles Magazine, chosen 2012, 2016, 2017  
Leading Physicians of the World, International Association of Healthcare Professionals,  
chosen 2012, 2013, 2016, 2017  
America's Top Physicians, Consumers' Research Council of America, chosen 2009-2014

## **ASSOCIATIONS**

American Neurological Association; fellow, 2012-present, elected member, 2007-present  
American Academy of Neurology; fellow, 2007-present; member, 1995-present  
Epilepsy Measurement Development Panel, 2008  
Epilepsy Clinical Practice Guidelines Project, 2001-2003, 2008-2010  
Epilepsy Platform Presentations, Annual Meeting, co-chair, 2009, 2010, 2011  
American Epilepsy Society; fellow, 2016-present, member, 1996-present  
Treatments Committee, 2019-2021  
Guideline and Assessment Committee, 2018-2020  
Practice Committee, 2005-2007  
Committee on Postgraduate Training, 2003-2005  
Student and Resident Education Committee, 2002-2004  
International League Against Epilepsy  
Translational Task Force, 2014-2016  
Epilepsy Foundation (of America)  
Data Technology Advisory Group, 2018-present  
Professional Advisory Board, 2009-2018  
Executive Committee, 2012-2018  
Programs and Services Committee, chair 2016-2018  
Quality of Life Committee, chair 2012-2016  
Advocacy Committee US Congressional visits, 2010, 2012  
Epilepsy Foundation of Greater Los Angeles  
Professional Advisory Board, 2001-present  
Board of Trustees, 2001-2009  
American Clinical Neurophysiology Society, 1997-present  
Quality Improvement Committee, 2018-2020  
Program Committee, 2014-2016  
Los Angeles Epilepsy Society; founding member, president 2010-2012  
Epilepsy Association of Ethiopia; honorary member, 2002-present  
American Board of Clinical Neurophysiology; question author, 2010  
American Board of Psychiatry and Neurology; examiner, 2004, 2005  
Explorers Club, the international society for scientific exploration and field research;  
elected membership, 1990

## **REVIEWER**

American Neurological Association Annual Meeting Scientific Program\*, American  
Academy of Neurology Annual Meeting Scientific Program\*, American Clinical

Neurophysiology Society Annual Meeting Scientific Program\*, Epilepsy Foundation Research Grant Program\*, CURE Grant Program\*, Medical Research Council (United Kingdom)\*, Emilia-Romagna (Italy) Regional Health Authority\*, Brain\*, Journal of Neuroscience\*, Neurology\*, Epilepsia\*, Seizure\*, Neurologic Clinics\*, Epilepsy Research\*, Cambridge University Press\*, Oxford University Press\*, NeuroImage\*, Epilepsy & Behavior\*, Journal of Clinical Neurophysiology\*, Neuropsychiatric Disease and Treatment\*, Brain Research, The Female Patient, Expert Review of Medical Devices\*, Clinical Neurophysiology, Journal of the American Medical Directors Association, Lippincott Williams & Wilkins Publishers, European Journal of Neurology (\*past 5 years)

## SELECTED LECTURES

### Conferences and Symposia

- Southern Epilepsy and EEG Society Annual Meeting. *Debate: Instant EEG vs. Conventional EEG: Benefits vs. Limitations*, 2021.
- American Epilepsy Society Annual Meeting, Investigators Workshop: New Investigations in Neuromodulation: Low Intensity Focused Ultrasound, Co-coordinator. *Low Intensity Focused Ultrasound Effects on the Human Temporal Lobe*. Virtual, 2020.
- American Epilepsy Society Annual Meeting, EEG Special Interest Group, Coordinator. *Multimodality Physiologic Recording for Seizure Detection*. Washington DC, 2017; *Machine Learning Interpretation of EEG*. New Orleans, 2018; *The Future of the Stat EEG*. Baltimore, 2019; *Ultra-long-term Seizure Identification Devices*. Virtual, 2020.
- Children's Hospital Los Angeles Epilepsy Update Conference. *The Role of the Older Anti-seizure Medications*. Virtual, 2020.
- UCLA Review of Clinical Neurology. *Epilepsy Updates: Classification, Diagnosis, and Management*. Los Angeles, 2020.
- International Society for Magnetic Resonance in Medicine Annual Meeting. *Diagnosis and Treatment of the Epileptogenic Zone*. Paris, France / Virtual, 2020.
- Indian Epilepsy Society and Indian Epilepsy Association Joint Conference. *Focal Epileptiform EEG. EEG-fMRI. Connectomics and Epilepsy. and Neurologist and Patient Communication*. Ahmedabad, India, 2020.
- American Epilepsy Society Annual Meeting, Temporal Lobe Club Special Interest Group, Coordinator. *Epilepsy Networks- Resting State fMRI Perspectives*. San Diego, 2012. *Standard Depth Electrode EEG*. Baltimore, 2019.
- J. Kiffin Penry Epilepsy Education Program. *Treatment Options for Medication Resistant Epilepsy. Neurostimulation in the Long Term. Neurostimulation and Quality of Life*. Winston-Salem, NC, 2019.
- American Academy of Neurology Annual Meetings, Clinical EEG Course. *Abnormal EEG: Focal and Generalized*. Philadelphia, 2014; and Washington DC, 2015. *Normal EEG and the Range of Normal*. Vancouver, 2016; Boston, 2017; Los Angeles, 2018; Philadelphia, 2019.
- American Epilepsy Society Annual Meeting, Merritt-Putnam Symposium, Neurobiology of Memory in Epilepsy. *Memory and the Mesial Temporal Lobe in the Real World*. New Orleans, 2018.
- Indian National EEG Workshop and Epilepsy Surgery Masterclass. *EEG and Semiology of Frontal Lobe Seizures. EEG: Normal and Variants. and Abnormal EEG Patterns*. Varanasi, India, 2018.
- Children's Hospital Los Angeles Epilepsy Update Conference. *New Treatment Options: Cannabidiol, Fenfluramine, and Stiripentol*. Anaheim, 2018.
- UCLA Semel Institute and Los Angeles County Museum of Art Conference on Art and Neuroscience. *Neuroscience of Writing and Language*. Los Angeles, 2018.
- J. Kiffin Penry Epilepsy Education Program. *History & Epidemiology of Epilepsy. Epilepsy*

- Classification and Syndromes. AED Mechanisms. EEG Fundamentals. Epilepsy Surgery Evaluation. and Epilepsy Surgery and Outcomes.* Winston-Salem, NC, 2018.
- UCLA Review of Clinical Neurology. *Best Practices in Epilepsy Care.* Los Angeles, 2018.
- Epilepsy Foundation Innovation Institute, My Brain Map Workshop. *How Personalized Brain Network Mapping Could Enhance Epilepsy Care.* Washington DC, 2018.
- Society for Brain Mapping and Therapeutics Annual Congress. *Mapping Epilepsy's Network Abnormality.* Los Angeles, 2018.
- American Epilepsy Society Annual Meetings. *Neuroradiology: Optimal Use in Diagnosing and Treating Epilepsy.* Clinical Skills Workshop, Co-Moderator, San Diego, 2012; Washington DC, 2013; Seattle, 2014; Philadelphia, 2015; Houston, 2016; and Washington DC, 2017.
- Workshop on the Neurobiology of Epilepsy (WONOEP), International League Against Epilepsy. *Dynamic functional connectivity networks in Mesial Temporal Lobe Epilepsy.* Mon St. Benet, Spain, 2017.
- Neural Interfaces for Therapeutic Interventions, UCLA Dept. of Neurosurgery. *Emerging Epilepsy Technologies: Responsive NeuroStimulation and Anterior Nucleus Thalamus Deep Brain Stimulation.* Los Angeles, 2016.
- California Neurology Society Updates in Neurology Conference. *Advances in Adult Epilepsy.* Newport Beach, 2016.
- Brain Attack, UCLA Symposium on State-of-the-Art Stroke Management. *Seizures and Stroke: Diagnosis and Management Issues.* Los Angeles, 2016.
- American Academy of Neurology Breakthroughs in Neurology Conference. *I Have a Brain Tumor and Epilepsy? and Should I Take Marijuana?* Orlando, 2016.
- Asian Epilepsy Surgery Congress / Indian Epilepsy Society School. *Modern Concepts in the Evaluation for Epilepsy Surgery. Semiology of Extra-Temporal: Central Seizures. and Resting-state fMRI Abnormalities in Temporal Lobe Epilepsy.* Udaipur, 2015.
- UCLA Review of Clinical Neurology. *Recognition, Diagnosis, and Management of Seizures. Case and Video Tutorial.* Los Angeles, 2015.
- American Academy of Neurology Breakthroughs in Neurology Conference. *Algorithm in Treating Patients with Drug Resistant Epilepsy.* Phoenix, 2015.
- Neural Interfaces for Therapeutic Interventions, UCLA Dept. of Neurosurgery. *Surgical Evaluation for Epilepsy. Responsive Neurostimulation for Epilepsy. And Vagus Nerve Stimulation.* Los Angeles, 2014.
- Iowa Neurological Association Annual Meeting. *The Current State of Epilepsy Surgery.* Iowa City, 2014.
- National Endowment for the Arts Working Group on The Nature of Creativity in the Brain. *Neurologic Aspects of Perception in Creativity.* Santa Fe Institute, 2014.
- Epilepsy Foundation Pipeline Conference. *Low-intensity Focused Ultrasound for Treatment of Temporal Lobe Epilepsy,* San Francisco, 2014.
- Indian Academy of Neurology / Indian Epilepsy Society Epilepsy School. *Polarity and Mapping EEG Potentials. Extra-temporal Seizure Semiology in Adults. Pitfalls in Adult Seizure Semiology. Role of Invasive EEG- Strengths and Limitations. When to Stop AEDs Following Epilepsy Surgery. Treatment Decisions for Adult New-onset Epilepsy. And When is Polytherapy Justified.* Delhi, India, 2013.
- UCLA Review of Clinical Neurology. *Anti-epileptic drugs for epilepsy and status epilepticus: Which to use, when to use, when to stop.* Los Angeles, 2013.
- American Epilepsy Society Annual Meeting. *Exploration of Meditation and Epilepsy, Botanicals and Alternative Therapies Special Interest Group.* San Diego, 2012.
- Paul Crandall Symposium on Epilepsy Surgery. *The Functional Networks of Temporal Lobe Epilepsy,* Los Angeles, 2012.
- Epilepsy Therapy Project Mechanisms of Antiepileptic Drugs Roundtable. *What is Rational Polypharmacy?* Los Angeles, 2012.

- American Epilepsy Society Annual Meeting, Annual Course. *EEG Misreads / EEG Barriers*. Baltimore, 2011.
- Neural Interfaces for Therapeutic Interventions, UCLA Dept. of Neurosurgery. *Invasive Monitoring for Epilepsy: What We've Learned*. Los Angeles, 2010.
- Neural Interfaces for Therapeutic Interventions, UCLA Dept. of Neurosurgery. *Central Modulation for Epilepsy*. Los Angeles, 2010.
- American Epilepsy Society Annual Meeting, Temporal Lobe Special Interest Group, *Recent and Remote Experience of One Surgical Center*. Boston, 2009.
- Indian Epilepsy Association / Indian Epilepsy Society 9<sup>th</sup> Annual Joint Conference, *Single Seizure: To Treat or Not (Not Treat Position)*. Debate with Dr. Satish Jain, IES Secretary General. And *EEG-fMRI in Epilepsy*. Delhi, India, 2008.
- International Conference on Cognitive Neuroscience, 10<sup>th</sup> Annual. *Alpha Activity and fMRI BOLD Signals*. Bodrum, Turkey, 2008.
- Ibero-Latin American Workshop of Clinical Neurophysiology. *Simultaneous EEG and Functional MRI: A Unique Neurophysiologic Technique*. Varadero, Cuba, 2008.
- International Seminar for EEG Dipole Tracing Methods. *Visualizing EEG's Metabolic Correlates with Functional MRI*. Showa University, Tokyo, Japan, 2008.
- Epilepsy Minifellowship, Continuing Medical Education Program. *The Framework of Bioequivalence*. Los Angeles, 2007.
- Current Trends in Epilepsy, An International Symposium. *Interictal EEG in the Diagnosis of Epilepsy: Pearls and Pitfalls*. And *The Role and Limits of Video-EEG Monitoring*. All India Institute of Medical Sciences, Delhi, India, 2006.
- Advances in Neurological Therapies. UCLA Deane F. Johnson Center for Neurotherapeutics. *Therapeutic Advances in Epilepsy*. Los Angeles, 2005.
- Center for Healthcare Education. Tailoring Epilepsy Treatment: Special Patient Populations. *Antiepileptic Drug Therapy in Women and the Elderly*. Los Angeles, 2003.
- Advances in Epilepsy Management. Texas Tech University Health Sciences Center. *Antiepileptic Drug Mechanisms and Kinetics*. El Paso, TX, 2002.
- First International Workshop on EEG-fMRI. Institute of Neurology, Queen Square. *EEG-fMRI and the Localization of EEG Generators*. London, UK, 2002.
- International Congress of Clinical Neurophysiology, Advanced Course in Brain Mapping Using Neurophysiological Methods. *Functional MRI Mapping of Cerebral Electrophysiology*. Buenos Aires, Argentina, 2001.
- American Epilepsy Society, Merritt-Putnam Lectures on Epilepsy. *Consequences of Epilepsy*. Los Angeles, 2001.

#### Grand Rounds

- UCLA Departments of Surgery and Anesthesiology, Los Angeles, 2020.
- Mayo Clinic, Phoenix, AZ, Dept. of Neurology, 2017.
- Spectrum Health, Grand Rapids, MI, Dept. of Neurology, 2017.
- State University of New York Upstate Medical Center, Syracuse, NY, Dept. of Neurology, 2016.
- Hawaii Pacific Neuroscience, Honolulu, HI, 2016.
- Los Angeles Harbor-UCLA Medical Center, Torrance, CA, Dept. of Neurology, 2004, 2005, 2005, 2007, 2008, 2009, 2010, 2012, 2016.
- Veterans Administration Medical Center, West Los Angeles, CA, Dept. of Neurology, 2001, 2002, 2003, 2004, 2004, 2005, 2006, 2007, 2009, 2011, 2016.
- Ventura County Medical Center, Ventura, CA, Dept. of Medicine, 2014.
- Texas Tech University / University Medical Center of El Paso, TX, Neuroscience Ctr., 2012.
- Methodist Hospital, Houston, TX, Dept. of Neurology, 2012.
- University of California, San Diego Medical Center, Dept. of Neurology, 2001, 2010.
- University Hospitals, Cleveland, OH, Epilepsy Center, 2010.

Cedars-Sinai Medical Center, LA, CA, Dept. of Neurology, 2007.  
University of Southern California Keck School of Medicine, LA, CA, Dept. of Neurology, 2004.  
University of California, Los Angeles Medical Center, Dept. of Neurology, 2002, 2004.  
Cottage Hospital, Santa Barbara, CA, Dept. of Neurology, 2003.  
Kaiser Permanente Medical Center, LA, CA, Interdepartmental Neurology, 2001.

#### Physician Education

Medscape Education web-based video program, 2017, 2018, 2020.  
Providence Saint Joseph Medical Center, Burbank, CA, 2011, 2019.  
Mayo Clinic, Phoenix, AZ, Neurology Residency Program, 2017.  
Massachusetts General Hospital, Boston, MA, Epilepsy Program, 2017.  
San Diego Neurology Society, La Jolla, CA, 2016.  
State University of New York Upstate Medical Center, Syracuse, NY, Neurology Residency Program, 2016.  
Yale University, New Haven, CT, Epilepsy Program, 2016.  
St. Louis University, St. Louis, MO, Neurology Residency Program, 2016.  
Hoag Hospital, Newport Beach, CA, Epilepsy Program, 2014.  
Colorado Neurological Society, Denver, CO, 2013.  
Fairview Developmental Center, Costa Mesa, CA, 2012.  
Porterville Developmental Center, Porterville, CA, 2007, 2009, 2012.  
Stanford University, Palo Alto, CA, Neurology Department, 2010.  
Cornell University/New York Hospital, NYC, NY, Epilepsy Center, 2010.  
Stanford University, Palo Alto, CA, Neurology Department, 2010.  
Providence Holy Cross Medical Center, Mission Hills, CA, 2001, 2010.  
American Epilepsy Society Visiting Professor Series, Ventura County Medical Center, Ventura, CA, 2008.  
Desert Regional Medical Center, Palm Springs, CA, 2008.  
Stanford University, Palo Alto, CA, Neurology Department, 2007.  
South Bay Family Healthcare Center, Redondo Beach, CA, 2007.  
Henry Mayo Newhall Memorial Hospital, Valencia, CA, 2007.  
Venice Family Clinic, Venice, CA, 2006.  
San Diego Neurology Society, La Jolla, CA, 2006.  
Los Robles Medical Center, Thousand Oaks, CA, 2004.  
Kaiser Permanente Medical Center, LA, CA, Neurology Department, 2004.  
West Hills Hospital, West Hills, CA, 2004.  
Long Beach Comprehensive Health Center, Long Beach, CA, 2003.  
La Palma Community Hospital, La Palma, CA, 2003.  
Children's Hospital of Los Angeles, CA, Emergency Department, 2002.  
Kaiser Permanente Medical Center, Baldwin Park CA, Dept. of Family Practice, 2002.  
Kaiser Permanente Medical Center, Baldwin Park CA, Dept. of Pediatrics, 2002.  
Robert F. Kennedy Hospital, Hawthorne, CA, 2001.  
Centinela Hospital, Inglewood, CA, 2001.  
Los Angeles County Sheriff's Medical Association, Los Angeles, CA, 2001.

#### Non-physician Education

Epilepsy Support Network of Orange County, 2021.  
Epilepsy Awareness Day at Disneyland Resort, 2020.  
Ahmedabad Medical Association, Ahmedabad, India, 2020  
J. Kiffin Penry Epilepsy Education Program, Nashville, TN, 2019.  
Epilepsy Awareness Day at Disneyland Resort, Anaheim, CA, 2018.  
UCLA Community Health Programs, Seizures and Epilepsy, 2018.  
Leerink Global Healthcare Conference, Evolving Dynamics in Major Neurology Market, 2018.

Epilepsy Foundation, Transitions from Pediatric to Adult Care Webinar, 2017.  
California Department of Health Care Services, Medi-Cal Program, Sacramento, CA, 2016.  
Epilepsy review course for pharmaceutical company employees, Course director and lecturer, 2001, 2001, 2003, 2003, 2003, 2003, 2005, 2005, 2006, 2007, 2016.  
UCLA Brain Mapping Center Board of Directors, 2015.  
Epilepsy Support Group, Sunset Hospital and Medical Center, Las Vegas, NV, 2013.  
National Association Directors of Nursing Administration in Long Term Care, National Conference, 2013.  
Brain Health Fair, American Brain Foundation, 2013.  
Epilepsy Therapy Project, Board of Directors Meeting, 2011, 2012.  
Epilepsy.com panel discussion webcast, 2012.  
Tuberous Sclerosis Alliance Regional Conference, Los Angeles, 2012.  
“Brain Storm Summit” speaker and panelist, 2003, 2004, 2007, 2008, 2010, 2012.  
Epilepsy Foundation of Greater Los Angeles, Community education, 2002, 2002, 2004, 2009, 2010.  
Epilepsy Foundation, Leadership Skill Building Institute, Long Beach, CA, 2010.  
Sepracor Pharmaceuticals, Marlborough, MA, 2010.  
Modern Health Pharmacy, Unified Care Services, Torrance, CA, 2009.  
National Brain Research Centre, Delhi, India, 2008.  
PharMerica Consultant Pharmacist Services, Fresno, CA, 2007.  
Prescription Solutions/PacifiCare, Pharmacy and Therapeutics Committee, 2006.  
Harbor Developmental Disabilities Foundation, Regional Center Wellness Conference, 2001.  
Harbor Developmental Disabilities Foundation, *Developmental Disabilities: Faces, Patterns, Possibilities*, 2001.

## **MEDIA INTERVIEWS**

Los Angeles Business Journal, 6/2020; DEARhealth’s epilepsy care platform.  
Reuters Health, 1/2020; Continuous EEG monitoring utilization.  
New York Times, 9/2018; Conversion disorder and psychogenic non-epileptic seizures.  
National Public Radio, 2/2018; Psychogenic non-epileptic seizures.  
US News and World Report, 3/2017; Epilepsy overview.  
BuzzFeed media website, 6/2016; Epilepsy overview.  
Boston Globe newspaper, 8/2015; Pharmacotherapy for epilepsy.  
Market Monitor, 8/2014; Neurostimulation for epilepsy.  
Medscape, 4/2014; Auto-immunity and epilepsy.  
Healthy Bodies / Healthy Minds (PBS TV), 11/2013; Epilepsy overview.  
Annals of Long Term Care, 8/2013; Lennox-Gastaut syndrome in adults.  
Chicago Tribune newspaper, 1/2012; Epilepsy surgery utilization.  
Toronto Globe and Mail newspaper, 9/2010; Brain imaging and epilepsy surgery.  
NeurologyReviews.com, 3/2010; Communication with patients about epilepsy.  
Epilepsy.com podcast interview, 1/2010; Neurologist-patient communication about epilepsy.  
Extra TV news magazine video interview, 1/2009; Risks of epilepsy and seizures.  
Practical Neurology, 12/2008; LEAD Guidelines for epilepsy diagnosis and management.  
Neurology Now magazine, 5/2007; Seizure tracking software.  
National Walk for Epilepsy Media Tour, 3/2007: WPIX TV, New York, NY; Comcast TV, Philadelphia, PA; KWIX radio, Columbia, MO; KPQ radio, Wenatchee, WA; WTNI radio, Biloxi, MS; WNTQ radio, Syracuse, NY; WDIS radio, Boston, MA; WOHI radio, Youngstown, OH; WMGM TV, Philadelphia, PA; WJSS radio, Baltimore, MD; WTOP radio, Washington, DC; VIP TV, Philadelphia, PA; WWOW radio, Cleveland, OH.  
Sahara News Network video interview, Delhi, India, 11/2006; Future of epilepsy treatment.



Your Health Now, patient education magazine, 9/2006; Current state of epilepsy treatment. Neurology Today, newspaper, 7/2006; Antiepileptic drug teratogenicity. WebMD news service, 6/2006; Use of transcranial magnetic stimulation in neurology. Reuters news service, 4/2006; Effects of repetitive transcranial magnetic stimulation. Wealth TV video interview, 3/2006; Brain stimulation techniques. Neurology Today, newspaper, 11/2005; Depression and anxiety related to epilepsy. Neurology Today newspaper, 6/2005; VA study of epilepsy treatment in elderly. Neurology Today newspaper, 5/2005; Risk of suicide and epilepsy treatment. NBC News Channel video interview, 3/2005; Deep brain stimulation for epilepsy. Cincinnati Enquirer newspaper, 9/2004; Simultaneous EEG and fMRI. Bloomberg news service, 6/2004; Vagus nerve stimulation for epilepsy and depression. Boston Globe newspaper with syndication, 12/2003; Epilepsy surgery. Pittsburg Tribune newspaper, 5/2003; Employment consequences of epilepsy. San Bernardino (CA) Press-Enterprise newspaper, 1/2001; Video-EEG monitoring.

## **PUBLICATIONS**

### Books

Stern JM, Sankar R, eds. Medication Resistant Epilepsy, Diagnosis and Treatment. Cambridge: Cambridge University Press, 2020, pp. 286.

Stern JM. Atlas of EEG Patterns, 2<sup>nd</sup> Ed. Philadelphia: Lippincott Williams & Wilkins, 2013, pp. 472.

Sirven JI, Stern JM, eds. Atlas of Video-EEG Monitoring. New York: McGraw-Hill, 2011, pp. 591.

Stern JM. Atlas of EEG Patterns. Philadelphia: Lippincott Williams & Wilkins, 2005, pp. 307.

### Journals and Resources

Stern JM, steering committee. Seizure disorder diagnosis and management section. In: Medscape, 2017-present.

Stern JM, editorial board. International Journal of Epilepsy. Elsevier, 2014-present.

Stern JM, assoc. ed. Epilepsy treatment and clinical neurophysiology subsections. In: Roos RP, ed. MedLink Neurology. San Diego: MedLink Corporation, 2004-present.

### Peer Reviewed Research Papers

Steinhoff BJ, Klein P, Klitgaard H, Laloyaux C, Moseley BD, Ricchetti-Masterson K, Rosenow F, Sirven JI, Smith B, Stern JM, Toledo M, Zipfel PA, Villanueva V. Behavioral adverse events with brivaracetam, levetiracetam, perampanel, and topiramate: A systematic review. Epilepsy Behav. In press.

Kerr WT, Zhang X, Hill CE, Janio EA, Chau AM, Braesch CT, Le JM, Hori JM, Patel AB, Allas CH, Karimi AH, Dubey I, Sreenivasan SS, Gallardo NL, Bauirjan J, Hwang ES, Davis EC, D'Ambrosio SR, Al Banna M, Cho AY, Dewar SR, Engel J Jr, Feusner JD, Stern JM. Factors associated with delay to video-EEG in dissociative seizures. Seizure. In press.

Penovich P\*, Stern JM\*, Becker DA, Lucretia L, Santilli N, McGuire L, Peck EY. Epilepsy

treatment complacency in patients, caregivers, and healthcare professionals. *Neurology: Clin Pract.* (\*co-first authors). *Neurology: Clin Practice.* In press.

Kerr WT, Zhang X, Hill CE, Janio EA, Chau AM, Braesch CT, Le JM, Hori JM, Patel AB, Allas CH, Karimi AH, Dubey I, Sreenivasan SS, Gallardo NL, Baurjjan J, Hwang ES, Davis EC, D'Ambrosio SR, Al Banna M, Cho AY, Dewar SR, Engel J Jr, Feusner JD, Stern JM. Epilepsy, dissociative seizures, and mixed: Associations with time to video-EEG. *Seizure* 2021;86:116-122.

Kerr WT, Zhang X, Janio EA, Karimi AH, Allas CH, Dubey I, Sreenivasan SS, Baurjjan J, D'Ambrosio S, Al Banna M, Cho AY, Engel J Jr, Cohen MS, Stern JM. Reliability of additional reported seizure manifestations to identify dissociative seizures. *Epilepsy Behav* 2021;115:107696.

Mankin EA, Aghajan ZM, Schuette P, Tran ME, Tcemodanov N, Titiz A, Kalendar G, Eliashiv D, Stern J, Weiss SA, Kirsch D, Knowlton B, Fried I, Suthana NA. Stimulation of right entorhinal white matter enhances visual memory encoding in humans. *Brain Stimulation* 2021;14:131-140.

Kerr WT, Janio EA, Chau AM, Braesch CT, Le JM, Hori JM, Patel AB, Gallardo NL, Allas CH, Karimi AH, Dubey I, Sreenivasan SS, Baurjjan J, Hwang ES, Davis EC, D'Ambrosio, SR, Al Banna M, Mazumder R, Wu T, DeCant ZA, Gibbs MG, Chang E, Zhang X, Cho AY, Beimer NJ, Engel J, Jr., Cohen MS, Stern JM. Objective score from initial interview identifies patients with probable dissociative seizures. *Epilepsy Behav* 2020;113:107525.

Chiang S, Goldenholz DM, Moss R, Rao VR, Haneef Z, Theodore WH, Kleen J, Gavvala J, Vannucci M, Stern JM. EpiSAT: A prospective validation study of automated seizure risk. *Epilepsia* 2020;61:29-38.

Chung S, Sinha SR, Shah A, Stern JM, Cheng H, Jung JA, Grinnell T, Blum D. Long-term safety and efficacy following conversion to eslicarbazepine acetate monotherapy in adults with focal seizures. *Epilepsy Res* 2019;153:59-65.

Kerr WT, Chau AM, Janio EA, Braesch CT, Le JM, Hori JM, Patel AB, Gallardo NL, Baurjjan J, Allas CH, Karimi AH, Hwang ES, Davis EC, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho AY, Engel J Jr, Cohen MS, Stern JM. Reliability of patient-reported peri-ictal behavior to identify psychogenic non-epileptic seizures. *Seizure* 2019;67:45-51.

Ogren JA, Tripathi R, Macey PM, Kumar R, Stern JM, Eliashiv DS, Allen LA, Diehl B, Engel J Jr, Rani S, Lhatoo SD, Harper RM. Regional cortical thickness changes in patients with generalized tonic-clonic seizures. *NeuroImage: Clin* 2018;20:205-215.

Kanner AM, Ashman E, Gloss D, Harden C, Bourgeois B, Bautista JF, Abou-Khalil B, Burakgazi-Dalkilic E, Park EL, Stern JM, Hirtz D, Nespeca M, Gidal B, Faught E, French J. Practice guideline update: Efficacy and tolerability of the new antiepileptic drugs I: Treatment of new-onset epilepsy. *Neurology* 2018;91:74-81.

Kanner AM, Ashman E, Gloss D, Harden C, Bourgeois B, Bautista JF, Abou-

Khalil B, Burakgazi-Dalkilic E, Park EL, Stern JM, Hirtz D, Nespeca M, Gidal B, Faught E, French J. Practice guideline update: Efficacy and tolerability of the new antiepileptic drugs II: Treatment resistant epilepsy. *Neurology* 2018;91:82-90.

Chiang S, Vannucci M, Goldenholz D, Moss R, Stern JM. Epilepsy as a dynamic disease: A model for differentiating seizure risk from natural variability. *Epilepsia Open* 2018;doi:10.1002/epi4.12112. *Winner of the Clinical Epilepsia Open Prize for 2019.*

Stern JM, Cendes F, Gilliam F, Kwan P, Ryvlin P, Sirven J, Smith B, Adomas A, Walter L. Neurologist-patient communication about epilepsy in the United States, Spain, and Germany. *Neurology: Clin Practice* 2018;8:1-9.

Bailey JN, de Nijs L, Bai D, Suzuki T, Miyamoto H, Tanaka M, Patterson C, Lin Y-C, Medina M, Alonso ME, Serratosa JM, Durón RM, Nguyen VH, Wight JE, Martínez-Juárez IE, Ochoa A, Jara-Prado A, Guilhoto L, Molina Y, Yacubian EM, Lopez-Ruiz M, Inoue Y, Kaneko S, Hirose S, Osawa M, Oguni H, Fujimoto S, Grisar TM, Stern JM, Yamakawa K, Lakaye B, Delgado-Escueta AV. Variant intestinal cell kinase in Juvenile Myoclonic Epilepsy. *N Engl J Med* 2018;378:1018-2018.

Chiang S, Vankov ER, Yeh HJ, Guindani M, Vannucci M, Haneef Z, Stern JM. Temporal and spectral characteristics of dynamic functional connectivity between resting-state networks reveal information beyond static connectivity. *PLoS One* 2018;13:e0190220.

Kerr W, Janio E, Braesch C, Le J, Hori J, Patel A, Gallardo N, Baurijan J, Chau A, Hwang E, Davis E, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho A, Engel J Jr., Cohen M, Stern J. An objective score to identify psychogenic seizures based on age of onset and history. *Epilepsy Beh* 2018;80:75-83.

Aghajan ZM, Schuette P, Fields T, Tran M, Siddiqui S, Hasulak N, Tcheng T, Eliashiv D, Mankin EA, Stern J, Fried I, Suthana N. Theta oscillations in the human medial temporal lobe during real world ambulatory movement. *Curr Biol* 2017;27:3743-3751.

Chiang S, Guindani M, Yeh HJ, Dewar S, Haneef Z, Stern JM, Vannucci M. A hierarchical Bayesian model for the identification of PET markers associated to the prediction of surgical outcome after anterior temporal lobe resection. *Front Neurosci* 2017;11:669.

Titiz AS, Hill MRH, Mankin EA, Aghajan M, Eliashiv D, Tchemodanov N, Maoz U, Stern J, Tran M, Schuette P, Behnke E, Suthana NA, Fried I. Theta-burst microstimulation in the human entorhinal area improves memory specificity. *eLife* 2017;6:e29515.

Kerr WT, Janio EA, Braesch CT, Le JM, Hori JM, Patel AB, Gallardo NL, Baurijan J, D'Ambrosio SR, Chau AM, Hwang Es, Davis EC, Buchard A, Torres-Barba D, Al Banna M, Barritt SE, Cho AY, Engel J Jr, Cohen MS, Stern JM. Identifying psychogenic seizures through comorbidities and medication history. *Epilepsia* 2017;58:1852-1860.

- Weiss SA, Asadi-Pooya AA, Vangala S, Moy S, Wyeth DH, Orosz I, Gibbs M, Schrader L, Lerner J, Cheng CK, Chang E, Rajaraman R, Keselman I, Churchman P, Bower-Baca C, Numis AL, Ho MG, Rao L, Bhat A, Suski J, Asadollahi M, Ambrose T, Fernandez A, Nei M, Skidmore C, Mintzer S, Eliashiv DS, Mathern GW, Nuwer MR, Sperling M, Engel J Jr, Stern JM. AR2, a novel automatic artifact reduction software method for ictal EEG interpretation: Validity and comparison of performance with commercially available software. *Epilepsia* 2017;58:30.
- Francois C, Stern JM, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Shen V, Tan R. Use and cost comparison of clobazam to other anti-epileptic drugs for treatment of Lennox-Gastaut syndrome. *J Mark Access Health Policy* 2017;5:1318691.
- Tharayil JJ, Chiang S, Moss R, Stern JM, Theodore WH, Goldenholz DM. A big data approach to development of mixed-effects models for seizure count data. *Epilepsia* 2017;58:835-855.
- Kerr WT, Janio EA, Braesch CT, Le JM, Hori JM, Patel AB, Barritt SE, Gallardo NL, Baurjjan J, Chau AM, Hwang ES, Davis EC, Torres-Barba D, Cho AY, Engel J Jr, Cohen MS, Stern JM. Diagnostic implications of review-of-systems questionnaires to differentiate epileptic seizures from psychogenic seizures. *Epilepsy Behav* 2017;69:69-74.
- Chiang S, Guindani M, Yeh HJ, Haneef Z, Stern JM, Vannucci M. Bayesian vector autoregressive model for multi-subject connectivity inference using multi-modal neuroimaging data. *Hum Brain Mapp* 2017;38:1311-1332.
- Marawar R, Yeh HJ, Carnabatu C, Stern JM. Functional MRI correlates of resting state temporal theta and delta EEG rhythms. *J Clin Neurophysiol* 2017;34:69-76.
- Moseley BD, Dewar S, Haneef Z, Eliashiv D, Stern JM. Reasons for prolonged length of stay in the epilepsy monitoring unit. *Epilepsy Res* 2016;127:175-178.
- Kerr WT, Janio EA, Le JM, Hori JM, Patel AB, Gallardo NL, Baurjjan J, Chau AM, D'Ambrosio SR, Cho AY, Engel J Jr, Cohen MS, Stern JM. Diagnostic delay in psychogenic seizures and the association with anti-seizure medication trials. *Seizure* 2016;40:123-126.
- Schrader LM, Sadeghinejad S, Sadeghinejad J, Kazanchyan M, Koski L, Stern JM, Wu AD, Iacoboni M, Nuwer MR. Investigation of low frequency repetitive transcranial magnetic stimulation parameters on motor cortex excitability in normal subjects. *Int J Epilepsy* 2016;3:2-6.
- Lopour B, Staba RJ, Stern JM, Fried I, Ringach DL. Characterization of long-range functional connectivity in epileptic networks by neuronal spike-triggered local field potentials. *J Neural Eng* 2016;13:026031.
- Chiang S, Cassese A, Guindani, Vannucci, Yeh HJ, Haneef Z, Stern JM. Time-dependence of graph theory metrics in functional connectivity analysis. *NeuroImage* 2016;125:601-615.
- Chiang S, Stern JM, Engel J Jr, Haneef Z. Structural-functional coupling changes in temporal lobe epilepsy. *Brain Res* 2015;1616:45-57.

Haneef Z, Chiang S, Yeh HJ, Engel J Jr, Stern JM. Functional connectivity homogeneity correlates with duration of temporal lobe epilepsy. *Epilepsy Behav* 2015;46:227-233.

Salanova V, Witt T, Worth R, Henry T, Gross R, Nazzaro JM, Labar D, Sperling MR, Sharan A, Sandok E, Handforth A, Stern JM, Chung S, Henderson JM, French J, Baltuch G, Rosenfeld WE, Garcia P, Barbaro NM, Fountain NB, Elias W, Goodman RR, Pollard JR, Troster AI, Irwin CP, Lambrecht K, Graves N, Fisher R, SANTE Study Group. Long-term efficacy and safety of thalamic stimulation for treatment of drug resistant partial epilepsy. *Neurology* 2015;84:1017-1025.

Rosenfeld VW, Rutledge DN, Stern JM. Polysomnography with quantitative EEG in patients with and without fibromyalgia. *J Clin Neurophysiol* 2015;32:164-170.

Moseley BD, Dewar S, Haneef Z, Stern JM. How long is long enough? The utility of prolonged inpatient video EEG monitoring. *Epilepsy Res* 2015;109:9-12.

Chiang S, Stern JM, Engel J Jr, Levin HS, Haneef Z. Differences in graph theory functional connectivity in left and right temporal lobe epilepsy. *Epilepsy Res* 2014;108:1770-1781.

Haneef Z, Lenartowicz A, Yeh HJ, Engel J Jr, Stern JM. Network analysis of the default mode network using functional connectivity MRI in temporal lobe epilepsy. *JoVE (Journal of Visualized Experiments)* 2014;90:e51442-e51442.

Kerr WT, Hwang ES, Raman KR, Barritt SE, Patel AB, Le JM, Hori JM, Davis EC, Braesch CT, Janio EA, Lau EP, Cho AY, Anderson A, Silverman DHS, Salamon N, Engel J, Jr., Stern JM, Cohen MS. Multimodal diagnosis of epilepsy using conditional dependence and multiple imputation. *Pattern Recognition in Neuroimaging, IEEE* 2014;1-4.

Haneef Z, Lenartowicz A, Yeh HJ, Levin HS, Engel J Jr, Stern JM. Functional connectivity of hippocampal networks in temporal lobe epilepsy. *Epilepsia* 2014;55:137-145. *Listed by Epilepsia as one of eight best in 2014 and one of ten most cited in 2014-2016.*

Kerr WT, Silverman DH, Nguyen ST, Cho AY, Lau EP, Silverman DH, Douglas PK, Reddy NM, Bramen J, Anderson A, Bramen J, Salamon N, Stern JM, Cohen MS. Computer aided diagnosis and localization of lateralized temporal lobe epilepsy using interictal FDG-PET. *Front Neurol* 4:31. doi: 10.3389/fneur.2013.00031.

Kerr WT, Anderson A, Lau E, Cho A, Xia H, Bramen J, Douglas PK, Braun E, Stern JM, Cohen MS. Automated diagnosis of epilepsy using EEG power spectrum. *Epilepsia* 2012;53:e189-e192.

Haneef Z, Lenartowicz A, Yeh HJ, Engel J Jr, Stern JM. Effect of lateralized temporal lobe epilepsy on the default mode network. *Epilepsy Behav* 2012;25:350-357.

Engel J Jr, McDermott MP, Wiebe S, Langitt JT, Stern JM, Dewar S, Sperling MR, Gardiner I, Erba G, Fried I, Jacobs M, Vinters HV, Mintzer S, Kieburtz K, ERSET Study Group. Early surgical therapy for drug-resistant temporal lobe epilepsy: A randomized trial. *JAMA* 2012;307:922-930.

Suthana N, Haneef Z, Stern J, Mukamel R, Behnke E, Knowlton B, Fried I. Memory enhancement and deep-brain stimulation of the entorhinal area. *N Engl J Med* 2012;366:502-510.

Caporro M, Haneef Z, Yeh HJ, Lenartowicz A, Buttinelli C, Parvizi J, Stern JM. Functional MRI of sleep spindles and K-complexes. *MRI of sleep spindles and K-complexes. Clin Neurophysiol* 2012;123:303-309.

Stern JM, Labiner DM, Gilliam FG, Penovich PE, Onofrey M, Holmes GL. More effective assessment of adverse effects and comorbidities in epilepsy: Results of a phase II communication study. *Epilepsy Behav* 2011;22:552-556.

Stern JM, Caporro M, Haneef Z, Yeh HJ, Buttinelli C, Lenartowicz A, Mumford JA, Parvizi J, Poldrack RA. Functional imaging of sleep vertex sharp transients. *Clin Neurophysiol* 2011;122:1382-1386.

Chen LK, Haneef Z, Dorsch A, Keselman I, Stern JM. Successful treatment of refractory simple partial status epilepticus with lacosamide and levetiracetam. *Seizure* 2011;20:263-265.

Fountain NB, Van Ness PC, Swain-Eng R, Tonn S, Bever CT, AAN Epilepsy Measure Development Panel. Quality improvement in neurology: AAN epilepsy quality measures. *Neurology* 2011;76:94-99.

Engel J Jr, McDermott MP, Wiebe S, Langfitt JT, Erba G, Gardiner I, Stern J, Dewar S, Sperling MR, Jacobs M, Kieburz K, ERSET Study Group. Design considerations for a multicenter randomized controlled trial of early surgery for mesial temporal lobe epilepsy. *Epilepsia* 2010;51:1978-1986.

Haneef Z, Stern JM, Dewar S, Engel J Jr. Referral pattern for epilepsy surgery after evidence based recommendations: A retrospective study. *Neurology* 2010;75:699-704.

Fisher R, Salanova V, Witt T, Worth R, Henry T, Gross R, Oommen K, Osorio I, Nazzaro J, Labar D, Kaplitt M, Sperling M, Sandok E, Neal J, Handforth A, Stern J, Desalles A, Chung S, Shetter A, Bergen D, Bakay R, Henderson J, French J, Baltuch G, Rosenfeld W, Youkilis A, Marks W, Garcia P, Barbaro N, Fountain N, Bazil C, Goodman R, McKhann G, Krishnamurthy B, Papavassiliou S, Epstein C, Pollard J, Tonder L, Grebin J, Coffey R, Graves N, SANTE Study Group. Electrical stimulation of the anterior nucleus of thalamus for treatment of refractory epilepsy. *Epilepsia* 2010;51:899-908.

Sankar R, Glauser TA, LEAD Faculty. Understanding therapeutic equivalence in epilepsy. *CNS Spectr* 2010;15:112-123.

Upchurch K, Stern JM, Salamon N, Dewar S, Engel J Jr, Vinters HV, Fried I. Epileptogenic temporal cavernous malformations: Operative strategies and postoperative seizure outcomes. *Seizure* 2010;19:120-128.

Gilliam F, Penovich P, Eagan C, Stern JM, Labiner DM, Onofrey M, Holmes GL, Mathis E, Cramer J. Conversations between community-based neurologists and patients with epilepsy: Results of an observational linguistics study. *Epilepsy Behav* 2009;16:315-320.

Smith BJ, St Louis EK, Stern JM, Green C, Bramley T. Concerns with AED conversion: Comparison of patient and physician perspectives. *Curr Neuropharmacology* 2009;7:120-124.

- Glauser TA, Sankar R, LEAD Faculty. Core elements of epilepsy diagnosis and management: Expert consensus from Leadership in Epilepsy, Advocacy, and Development (LEAD) faculty. *Curr Med Res Opin* 2008;24(12):3463-3477.
- St Louis EK, Gidal BE, Henry TR, Kaydanova Y, Krumholz A, McCabe PH, Montouris GD, Rosenfeld WE, Smith BJ, Stern JM, Waterhouse EJ, Schulz RM, Garnett WR, Bramley T. Conversions between monotherapies in epilepsy: Expert consensus. *Epilepsy Behav* 2007;11:222-234.
- Schrader LM, Stern JM, Wilson CL, Fields TA, Salamon N, Nuwer MR, Vespa PM, Fried I. Low frequency electrical stimulation through subdural electrodes in a case of refractory status epilepticus. *Clin Neurophysiol* 2006;117:781-788. Figure used as cover illustration.
- Schrader LM, Stern JM, Fields TA, Nuwer MR, Wilson CL. A lack of effect from transcranial magnetic stimulation (TMS) on the vagus nerve stimulator (VNS). *Clin Neurophysiol*. 2005;116:2501-2504.
- Koski L, Schrader LM, Wu AD, Stern JM. Normative data on changes in transcranial magnetic stimulation measures over a ten hour period. *Clin Neurophysiol*. 2005;116:2099-2109.
- Schrader LM, Stern JM, Koski L, Nuwer MR, Engel J. Seizure incidence during single- and paired-pulse transcranial magnetic stimulation (TMS) in individuals with epilepsy. *Clin Neurophysiol* 2004;115:2728-2737.
- French J, Kanner AM, Bautista J, Abou-Khalil B, Browne T, Harden CL, Theodore WH, Bazil C, Stern J, Schachter SC, Bergen D, Hirtz D, Montouris GD, Nespeca M, Gidal B, Marks WJ, Turk WR, Fischer JH, Bourgeois B, Wilner A, Faught RE, Sachdeo RC, Beydoun A, Glauser TA. Efficacy and tolerability of the new antiepileptic drugs I: Treatment of new onset epilepsy. Report of the TTA and QSS subcommittees of the American Academy of Neurology and the American Epilepsy Society. *Neurology* 2004;62:1252-1260. And *Epilepsia* 2004;45:401-409.
- French J, Kanner AM, Bautista J, Abou-Khalil B, Browne T, Harden CL, Theodore WH, Bazil C, Stern J, Schachter SC, Bergen D, Hirtz D, Montouris GD, Nespeca M, Gidal B, Marks WJ, Turk WR, Fischer JH, Bourgeois B, Faught RE, Sachdeo RC, Beydoun A, Glauser TA. Efficacy and tolerability of the new antiepileptic drugs II: Treatment of refractory epilepsy. Report of the TTA and QSS subcommittees of the American Academy of Neurology and the American Epilepsy Society. *Neurology* 2004; 62:1261-1273. And *Epilepsia* 2004;45:410-423.
- Goldman RI, Stern JM, Engel J, Cohen MS. Simultaneous EEG and fMRI of the alpha rhythm. *NeuroReport* 2002;13:2487-2492.
- Mintzer S, Nicholl JS, Stern JM, Engel J. Relative utility of sphenoidal and temporal surface electrodes for localization of ictal onset in temporal lobe epilepsy. *Clin Neurophysiol* 2002;113:911-916.
- Goldman RI, Stern JM, Engel J, Cohen MS. Acquiring simultaneous EEG and functional MRI. *Clin Neurophysiol* 2000;111:1974-1980.

Geschwind DH, Loginov M, Stern JM. Identification of a locus on chromosome 14q for idiopathic basal ganglia calcification (Fahr disease). *Am J Hum Genet* 1999;65:764-772.

Stern JM, Saver JL, Boldy RM, DeGregorio F. Homocysteine associated hypercoagulability and disseminated thrombosis. *Angiology* 1998;49:765-769.

Stern JM. The epilepsy of trisomy 9p. *Neurology* 1996;47:821-824.

Stern JM. Trisomy 9p and epilepsy (letter response). *Neurology* 1997;50:313.

#### Peer Reviewed Review Papers

Wykes RC, Khoo HM, Caciagli L, Blumenfeld H, Golshani P, Kapur J, Stern JM, Bernasconi A, Dedeurwaerdere S, Bernasconi N. WONOEP appraisal: Network concept from an imaging perspective. *Epilepsia* 2019;60:1293-1305.

Chiang S, Haneef Z, Stern JM, Engel J Jr. Use of functional connectivity MRI in planning epilepsy surgery. *Neurology India* 2017;65:S25-S33.

Engel J Jr, Thompson PM, Stern JM, Staba RJ, Bragin A, Mody I. Connectomics and epilepsy. *Curr Opin Neurol* 2013;26:186-194.

Stern JM, ed. Seizure Disorders. *Curr Opin Neurol* 2012;25(2):159-207.

Bateman L, Begley CE, Ben-Menachem E, Berg AT, Berkovic SF, Cascino GD, Drazkowski J, Edwards JC, Engel J Jr, French JA, Gilliam FD, Hoerth MT, Jehi LE, Kanner AM, Krauss GL, Labiner DM, Loddenkemper T, Luders HO, McKhann GM, McLachlan R, Modi A, Pennell PB, Shafer PO, Sirven JI, Stern JM, Szaflarski JP, Theodore WH. Overcoming barriers to successful epilepsy management. *Epilepsy Curr* 2012;12:158-160.

Stern JM. The role of managed care in improving outcomes in epilepsy. *Am J Manag Care* 2011;10(Suppl.):S263-S270.

Stern JM. Overview of evaluation and treatment guidelines for epilepsy. *Curr Treat Options Neurol* 2009;11:273-284. Invited update of 2006 review.

Stern JM. Simultaneous electroencephalography and functional MRI applied to epilepsy. *Epilepsy Behav* 2006;8(4):683-692.

Stern JM. Overview of treatment guidelines for epilepsy. *Curr Treat Options Neurol* 2006;8(4):280-288.

#### Chapters

Stern JM, Eadie M. Phenytoin, fosphenytoin, and other hydantoin. In: Engel J, Moshe S, eds. *Epilepsy: A Comprehensive Textbook*, 3<sup>rd</sup> Ed. Philadelphia: Wolters Kluwer. In press.

Kerr WT, Stern JM. Functional, dissociative, or psychogenic seizures. In: Roos RP, ed. *MedLink Neurology*. San Diego: MedLink Corporation, 2021 Ed.

Stern JM. Mesial temporal lobe epilepsy with hippocampal sclerosis. In: Roos RP, ed. *MedLink Neurology*. San Diego: MedLink Corporation, 2021 Ed.



Stern JM, Approach to the Treatment of Medication Resistant Epilepsy. In: Stern JM, Sankar R, eds. Medication Resistant Epilepsy, Diagnosis and Treatment. Cambridge: Cambridge University Press, 2020.

Stern JM. Hippocampal and parahippocampal seizures. In: Roos RP, ed. MedLink Neurology. San Diego: MedLink Corporation, 2020 Ed.

Stern JM, Gidal BE. Lamotrigine. In: Wyllie E, ed. Wyllie's Treatment of Epilepsy, 7<sup>th</sup> Ed. Philadelphia: Lippincott Williams and Wilkins, 2020.

Nuwer MR, Eliashiv D, Stern J. Intracranial EEG Monitoring. In: Wasade VS, Spanaki MV, eds. Understanding Epilepsy: A Study Guide for the Boards. Cambridge: Cambridge University Press, 2020.

Kerr WT, Stern JM. Dissociative or psychogenic seizures. In: Roos RP, ed. MedLink Neurology. San Diego: MedLink Corporation, 2020 Ed.

Gloss D, Rayi A, Stern JM. Vagus nerve stimulation. In: Roos RP, ed. MedLink Neurology. San Diego: MedLink Corporation, 2018 Ed.

Stern JM. Mesial temporal lobe epilepsy with hippocampal sclerosis. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2017 Ed.

Zangaladze A, Stern JM. Hippocampal and parahippocampal seizures. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2017 Ed.

Kerr WT, Stern JM, Kerr WT. Psychogenic seizures. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2017 Ed.

Baca CB, Stern JM. Scalp EEG in the Epilepsy Surgery Evaluation. In: Shorvon S, Perucca E, Engel J Jr, eds. Treatment of Epilepsy, 4<sup>th</sup> Ed. West Sussex: Wiley-Blackwell, 2016.

Rosenfeld V, Stern JM. Neurobiology of Migraine. In: Johnston MV, Adams HP, Fatemi SA, eds. Neurobiology of Disease, 2<sup>nd</sup> Ed. New York: Oxford, 2016.

Millett D, Coutin-Churchman P, Stern JM. Basic Principles of Electroencephalography. In: Toga AW, ed. Brain Mapping: An Encyclopedic Reference. Oxford: Elsevier, 2015.

Stern JM. Musicogenic Epilepsy. In: Celesia GG, Hickok G, eds. Human Auditory System, Handbook of Clinical Neurology, 3<sup>rd</sup> Series, Human Auditory System. Amsterdam: Elsevier, 2015.

Stern JM, Gidal BE. Lamotrigine. In: Wyllie E, ed. Wyllie's Treatment of Epilepsy, 6<sup>th</sup> Ed. Philadelphia: Lippincott Williams & Wilkins, 2015.

Stern JM. Psychogenic seizures. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2014 Ed.

Stern JM. Mesial temporal lobe epilepsy with hippocampal sclerosis. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2014 Ed.

- Stern JM. Vagus nerve stimulation. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2014 Ed.
- Stern JM. Epilepsy, Temporal Lobe. In: Aminoff JM, Daroff RB, eds. Encyclopedia of the Neurological Sciences, 2<sup>nd</sup> Ed. San Diego: Academic Press, 2014.
- Stern JM, Engel J Jr. Epilepsy, Precipitating Factors. In: Aminoff JM, Daroff RB, eds. Encyclopedia of the Neurological Sciences, 2<sup>nd</sup> Ed. San Diego: Academic Press, 2014.
- Stern JM, Engel J Jr. Epilepsy, Surgery. In: Aminoff JM, Daroff RB, eds. Encyclopedia of the Neurological Sciences, 2<sup>nd</sup> Ed. San Diego: Academic Press, 2014.
- Stern JM. Psychogenic seizures. In: Greenamyre JT, ed. MedLink Neurology. San Diego: MedLink Corporation, 2013 Ed.
- Stern JM, Engel J Jr. Video-EEG monitoring for epilepsy. In: Aminoff MJ, ed. Electrodiagnosis in Clinical Neurology, 6<sup>th</sup> Ed. Philadelphia: Churchill Livingstone, 2012.
- Millett D, Stern JM. Fundamentals of electroencephalography. In: Sirven J, Stern JM, eds. Atlas of Video-EEG Monitoring. New York: McGraw-Hill, 2011.
- Schrader LM, Stern JM. Interpreting depth electrode EEG. In: Sirven J, Stern JM, eds. Atlas of Video-EEG Monitoring. New York: McGraw-Hill, 2011.
- Stern JM. Auras and other simple partial seizures. In: Sirven J, Stern JM, eds. Atlas of Video-EEG Monitoring. New York: McGraw-Hill, 2011.
- Stern JM. Psychogenic seizures. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2011 Ed.
- Stern JM. Mesial temporal lobe epilepsy with hippocampal sclerosis. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2011 Ed.
- Stern JM. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2011 Ed.
- Stern JM. Vertiginous seizures. In: Panayiotopoulos CP, ed. Atlas of Epilepsies. London: Springer-Verlag, 2010.
- Stern JM. Olfactory seizures. In: Panayiotopoulos CP, ed. Atlas of Epilepsies. London: Springer-Verlag, 2010.
- Stern JM. Gustatory seizures. In: Panayiotopoulos CP, ed. Atlas of Epilepsies. London: Springer-Verlag, 2010.
- Stern JM. Dyscognitive seizures. In: Panayiotopoulos CP, ed. Atlas of Epilepsies. London: Springer-Verlag, 2010.
- Stern JM. Aphasic seizures. In: Panayiotopoulos CP, ed. Atlas of Epilepsies. London: Springer-Verlag, 2010.

- Bower CM, Stern JM. Scalp EEG in the Epilepsy Surgery Evaluation. In: Shorvon S, Perucca E, and Engel J Jr, eds. Treatment of Epilepsy, 3<sup>rd</sup> Ed. West Sussex: Wiley-Blackwell, 2009.
- Stern JM. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2009 Ed.
- Upchurch K, Stern JM. Epilepsy surgery in adults. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2008 Ed.
- Stern JM, Engel J Jr. Neurophysiology during epilepsy surgery. In: Nuwer MR, ed. Intraoperative Monitoring of Neural Function. Amsterdam: Elsevier, 2008.
- Fisher RS, McKhann GM, Stern JM, Quigg MS, Regis J, Schomer DL, Schachter SC, Vezzani A. New therapeutic directions. In: Engel J, Pedley TA, eds. Epilepsy: A Comprehensive Textbook, 2<sup>nd</sup> Ed. Philadelphia: Wolters Kluwer, 2008.
- Stern JM, Perucca E, Browne TR. Phenytoin, fosphenytoin, and other hydantoin. In: Engel J, Pedley TA, eds. Epilepsy: A Comprehensive Textbook, 2<sup>nd</sup> Ed. Philadelphia: Wolters Kluwer, 2008.
- Stern JM. Psychogenic seizures. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2007 Ed.
- Stern JM, Sankar R. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2007 Ed.
- Upchurch K, Stern JM. Epilepsy surgery in adults. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2005 Ed.
- Stern JM, Sankar R. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2005 Ed.
- Stern JM. Psychogenic seizures. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2004 Ed.
- Stern JM, Sankar R. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2003 Ed.
- Stern JM, Engel J Jr. Epilepsy, Surgery. In: Aminoff JM, Daroff RB, eds. Encyclopedia of the Neurological Sciences. San Diego: Academic Press. 2003.
- Stern JM, Engel J Jr. Epilepsy, Precipitating Factors. In: Aminoff JM, Daroff RB, eds. Encyclopedia of the Neurological Sciences. San Diego: Academic Press. 2003.
- Stern JM, Sankar R. Vagus nerve stimulation. In: Gilman S, ed. MedLink Neurology. San Diego: MedLink Corporation, 2002 Ed.
- Stern JM, Wasterlain CG. Stroke. In: Smith B, Adelman G, eds. Encyclopedia of Neuroscience. 2<sup>nd</sup> Ed. New York: Elsevier, 1997.

## Editorials

Stern JM. Epileptic syndromes and the future of epilepsy genetics. *Expert Perspectives in Neurology*, In press.

Stern JM. Newer and emerging therapies for uncontrolled focal seizures. *Expert Perspectives in Neurology*, In press.

Kerr WT, Stern JM. We need a functioning name for PNES: Consider dissociative seizures. *Epilepsy Behav* 2020;105:107002.

Moseley BD, Stern JM, Wheless JW. Gauging seizure risk in the treatment of epilepsy. *Expert Perspectives in Neurology* 2019.

Moseley BD, Stern JM, Wheless JW. Patient adherence, more-forgiving antiepileptic drugs, and potential impacts. *Expert Perspectives in Neurology* 2019.

Stern JM. Neuromodulatory techniques for epilepsy treatment. *Expert Perspectives in Neurology* 2019.

Stern JM. Updated quality measures for epilepsy aim to improve delivery of care and outcomes. *Essential Reading in Epilepsy* 2015;1(1).

Stern JM. New evidence-based guidelines released on managing an unprovoked first seizure in adults. *Essential Reading in Epilepsy* 2015;1(1).

Stern JM. Stomach sleepers are at higher risk for sudden unexpected death in epilepsy. *Essential Reading in Epilepsy* 2015;1(1).

Stern JM. What does the future hold for epilepsy treatment? *Essential Reading in Epilepsy* 2015;1(1).

Stern JM. The value of auras. *Epilepsy.com*, April 2011.

Stern JM. When is the right time for epilepsy surgery? *Epilepsy.com*, January 2011.

Stern JM. What is a diagnosis of epilepsy? *Epilepsy.com*, November 2010.

Stern JM. Down, but not out: Treatment after ineffective epilepsy surgery. *Practical Neurology* 2009;8(5):31-34.

## Peer Reviewed Abstracts

Kerr WT, Sreenivasan SS, Allas CH, Janio EA, Karimi AH, Dubey I, Baurjan J, D'Ambrosio SR, Smith JM, Lewis NB, Engel J, Jr., Stern JM. Dissociative seizures across the adult lifespan: female sex, delay to diagnosis and disability. *American Academy of Neurology 2021 Meeting*.

Steinhoff BJ, Klein P, Klitgaard H, Laloyaux C, Moseley BD, Ricchetti-Masterson K, Rosenow F, Sirven JI, Smith B, Stern JM, Toledo M, Zipfel PA, Villanueva V. A systematic review of behavioral adverse events with brivaracetam, levetiracetam, perampanel, and topiramate in real-world studies. *American Academy of Neurology 2021 Meeting*.

Kerr WT, Zhang X, Janio EA, Chau AM, Braesch CT, Le JM, Hori JM, Patel AB, Allas CH, Karimi A, Dubey I, Sreenivasan SS, Gallardo NL, Baurjan J, Hwang ES, Davis EC, D'Ambrosio S, Al Banna M, Cho AY, Engel J Jr, Cohen MS, Stern JM. Why is Video-EEG delayed in dissociative seizures? American Epilepsy Society 2020 Meeting.

Stern JM, Penovich PE, Becker DA, Long L, Santilli N, Peck EY. Perspectives on epilepsy-related fears among adult patients living with epilepsy, caregivers, and healthcare professionals. American Academy of Neurology 2020 Meeting.

Penovich PE, Stern J, Becker DA, Long L, Santilli N, Peck EY. Treatment complacency among patients living with epilepsy, caregivers, and healthcare professionals. American Academy of Neurology 2020 Meeting.

Kerr WT, Chau AM, Janio EA, Braesch CT, Le JM, Hori JM, Patel AB, Gallardo NL, Baurjan J, Hwang ES, Davis EC, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho AY, Engel J Jr, Cohen MS, Stern JM. Towards an early diagnosis of psychogenic nonepileptic seizures with an objectively validated, standardized clinical history. American Epilepsy Society 2019 Meeting.

Eliashiv DS, Stern JM, Patten A, Malhotra M, Meador KJ. Adjunctive perampanel for primary generalized tonic-clonic seizures: Post hoc analysis of treatment-emergent adverse events by treatment periods in study 332. American Epilepsy Society 2019 Meeting.

Stern JM, Eliashiv DS, Patten A, Malhotra M, Meador KJ. Adjunctive perampanel for partial-onset seizures: Post hoc analysis of treatment-emergent adverse events by treatment period in Asia-Pacific study 335. American Epilepsy Society 2019 Meeting.

Li L, He L, Khalil C, Yeh HJ, Harris N, Stern JM, Staba RJ, Engel J Jr, Bragin A. Electrographic substrates of altered brain networks during the latent period of epileptogenesis. American Epilepsy Society 2019 Meeting.

Reider-Demer M, Eliashiv D, Stern J, Keselman I, Nuwer M. Telemedicine for epilepsy patients - An emergence of the 21st century clinic. American Academy of Neurology 2019 Meeting.

Chiang S, Vankov E, Yeh HJ, Stern J. Identification of TLE laterality using hippocampal dynamic functional connectivity. American Epilepsy Society 2018 Meeting.

Li L, Patel M, Kumar U, Yeh HJ, Harris NG, Stern JM, Waldman Z, Weiss S, Engel J, Bragin A. Reorganization of brain connectomics in an animal model of epilepsy - A combined DTI and EEG study. American Epilepsy Society 2018 Meeting.

Benard S, Coutin-Churchman P, Eliashiv D, Nuwer M, Salamon N, Stern J, Engel J Jr. A comparison of interictal MEG and interictal EEG source analysis and its relationship to post surgical seizure outcomes. American Epilepsy Society 2018 Meeting.

Meeting.

Kerr WT, Chau AM, Janio EA, Braesch CT, Le JM, Hori JM, Patel AB, Gallardo NL, Baurirjan J, Hwang ES, Davis EC, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho AY, Engel J Jr, Cohen MS, Stern JM. Toward an early diagnosis of psychogenic nonepileptic seizures with an objectively validated, standardized history. American Epilepsy Society 2018 Meeting.

Ogren JA, Tripathi R, Macey P, Kumar R, Eliashiv D, Stern JM, Allen L, Diehl B, Engel J, Rani S, Lhatoo SD, Harper R. Regional cortical thickness varies with seizure frequency in patients with generalized tonic-clonic seizures. American Epilepsy Society 2018 Meeting.

He L, Li L, Khalil CB, Yeh HJ, Harris N, Stern J, Engel J Jr, Bragin A. Association between epileptiform activity and reduced fMRI connectivity in the default mode network in the kainic acid rat model of epilepsy. Society for Neuroscience 2018 Meeting.

Li L, Patel M, Kumar U, Yeh HJ, Harris N, Stern J, Engel J Jr, Bragin A. Functional and structural properties of epileptogenic networks in the kainic acid rat model. Society for Neuroscience 2018 Meeting.

Kerr W, Chau A, Janio E, Braesch C, Le J, Hori J, Patel A, Gallardo N, Baurirjan J, Hwang E, Davis E, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho A, Engel J, Cohen M, Stern J. Reliability of patient-reported peri-ictal behavior to identify psychogenic nonepileptic seizures. American Academy of Neurology 2018 Meeting.

Chiang S, Vannucci M, Goldenholz D, Moss R, Stern J. Epilepsy as a dynamic disease: Modeling seizure burden based on transitions between seizure risk states. American Academy of Neurology 2018 Meeting.

Chiang S, Vankov E, Yeh H, Guindani M, Vannucci M, Haneef Z, Stern J. Spectral analysis of dynamic functional connectivity between resting-state networks reveals information beyond static connectivity. American Academy of Neurology 2018 Meeting.

Stern J, Ogbonnaya A Tuttle E, Cheng WY, Montouris G, Pina-Garza JE, Kymes S, Lokhandwala T, Vekeman F, Francois C. Reduced healthcare costs among clobazam-treated patients with Lennox-Gastaut syndrome. American Academy of Neurology 2018 Meeting.

Chiang S, Goldenholz DM, Moss R, Stern JM. Epilepsy as a dynamic disease: Statistical modeling of transitions between seizure risk states. American Epilepsy Society 2017 Meeting.

Kerr W, Janio E, Braesch C, Le J, Hori J, Patel A, Gallardo N, Batirjan J, Chau A, Hwang E, Davis E, Buchard A, Torres-Barba D, D'Ambrosio S, Al Banna M, Cho A, Engel J Jr, Cohen M, Stern JM. An objective score to identify psychogenic seizures based age of onset and history. American Epilepsy Society 2017 Meeting.

Stern J, Ogbonnaya A, Tuttle E, Cheng WY, Montouris G, Pina-Garza JE, Kymes S, Lokhandwala T, Vekeman F, Francois C. Reduced healthcare costs among clobazam-treated patients with Lennox-Gastaut syndrome. American Epilepsy Society 2017 Meeting.

Ogren J, Chow KW, Kumar R, Eliashiv DS, Stern JM, Keselman I, Allen LA, Engel J Jr, Diehl B, Lhatoo SD, Harper RM. Mammillary body volumes in patients with generalized tonic-clonic seizures. American Epilepsy Society 2017 Meeting.

Francois C, Stern JM, Ogbonnaya A, Lokhandwala, Duhig A, Shen V, Ran R, Kymes S. Does the commercial availability of clobazam affect healthcare resource utilization and costs among patients with Lennox-Gastaut syndrome? International Society for Pharmacoeconomics and Outcomes Research 2017 Meeting. And Academy of Managed Care Pharmacy NEXUS 2017 Meeting.

Chiang S, Vankov E, Yeh H, Guindani M, Vannucci M, Haneef Z, Stern J. Temporal and spectral characteristics of dynamic functional connectivity between resting-state networks in temporal lobe epilepsy. American Academy of Neurology 2017 Meeting. Selected for Poster Discussion Session.

Chiang S, Vannucci M, Goldenholz D, Moss R, Theodore WH, Stern J. A Bayesian hidden Markov model for the inference on the natural history of seizure frequency in patients with tuberous sclerosis complex. American Academy of Neurology 2017 Meeting.

Chung S, Sinha S, Shah A, Stern J, Cheng H, Grinnell T, Blum D. Long term safety and efficacy outcomes following conversion-to-eslicarbazepine acetate (ESL) monotherapy in patients with partial-onset seizures: A post-hoc subgroup analysis of patients who continued to receive ESL as monotherapy for up to 12 months. American Academy of Neurology 2017 Meeting.

Stern JM, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Hantrakul AJ, Kymes S, Francois C. Healthcare Resource Utilization and Projected Long-Term Cost Savings Following Clobazam Initiation in Patients With Lennox-Gastaut Syndrome. American Academy of Neurology 2017 Meeting. Selected for Poster Discussion Session.

Chiang S, Vannucci M, Goldenholz DM, Moss R, Theodore W, Stern J. Variations in the natural history of epilepsy and epilepsy subgroups. American Epilepsy Society 2016 Meeting.

Chiang S, Vankov ER, Yeh H, Guindani M, Vannucci M, Haneef Z, Stern J. Temporal and spectral characteristics of dynamic functional connectivity between resting-state networks in temporal lobe epilepsy. American Epilepsy Society 2016 Meeting.

Ogren JA, Kumar R, Eliashiv DS, Stern JM, Keselman I, Engel J Jr, Macey PM, Diehl B, Lhatoo SD, Harper RM. Insular, cingulate, and autonomic structure texture alterations in patients with generalized tonic-clonic seizures. American Epilepsy Society 2016 Meeting.

Kerr WT, Janio EA, Le JM, Hori JM, Patel AB, Gallardo NL, Baurirjan J, Chau AM, Cho AY, Engel J Jr, Cohen MS, Stern JM. Can review of systems questionnaires identify patients

with psychogenic non-epileptic seizures? A prospective validation. American Epilepsy Society 2016 Meeting.

Weiss SA, Asadi-Pooya AA, Moy S, Wyeth D, Orosz I, Numis A, Sitaram V, Nei M, Skidmore C, Baca C, Lerner J, Mintzer S, Eliashiv D, Mathern G, Nuwer M, Sperling M, Engel J Jr, Stern J. Utility of two automatic artifact reduction methods in ictal EEG interpretation. American Epilepsy Society 2016 Meeting.

Keselman I, Vick M, Camardo G, Fang M, Morrell MJ, Dewar SR, Stern J, Fried I, Eliashiv D. Role of pre-surgical intracranial monitoring in determining clinical outcomes in patients implanted with RNS system. American Epilepsy Society 2016 Meeting.

Orosz I, Weiss S, Woodworth D, Yogi A, Ullman H, Zico J, Patel V, Fried I, Stern J, Ellington B, Staba R, Engel J, Salamon N. Diffusion tensor imaging: A non-invasive surrogate marker of intracranial high frequency oscillations. American Epilepsy Society 2016 Meeting.

Schuetz PJ, Tran M, Titiz A, Tchemodanov N, Mankin EA, Aghajian ZM, Eliashiv D, Stern J, Weiss SA, Kirsch D, Knowlton B, Fried I, Suthana NA. Stimulation of entorhinal white matter enhances declarative memory encoding. Society for Neuroscience 2016 Meeting.

Aghajian ZM, Schuetz P, Fields T, Tran M, Hasulak N, Tcheng T, Eliashiv D, Stern J, Fried I, Suthana N. Theta oscillations in the human medial temporal lobe during ambulatory movement. Society for Neuroscience 2016 Meeting.

Harper RM, Ogren JA, Chow KW, Kumar R, Eliashiv DS, Stern JM, Lhatoo SD. Increased damage to autonomic brain regions in patients with left temporal lobe seizure onset. Society for Neuroscience 2016 Meeting.

Ogren JA, Kumar R, Stern JM, Eliashiv DS, Keselman I, Engel J Jr, Diehl B, Lhatoo SD, Harper RM. Reduced entropy in patients with generalized tonic-clonic seizures. Society for Neuroscience 2016 Meeting.

Stern JM, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Hantrakul AJ, Kymes S, Francois C. Healthcare resource utilization and projected long-term cost savings following clobazam initiation in patients with Lennox-Gastaut syndrome. Academy of Managed Care Pharmacy NEXUS 2016 Meeting.

Harper RM, Ogren JA, Kumar R, Stern JM, Eliashiv DS, Keselman I, Engel J, Diehl B, Lhatoo SD. Regional variation in brain tissue texture in patients with generalized tonic-clonic seizures. Partners Against Mortality in Epilepsy 2016 Meeting.

Orosz I, Woodworth D, Weiss S, Yogi A, Ullmann H, Qiao J, Patel V, Fried I, Stern J, Ellington B, Salamon N. Predicting laterality of seizure onset zone by diffusion tensor tractography of intracranial depth electrodes in patients with temporal lobe epilepsy. American Society of Neuroradiology 2016 Meeting.

Chiang S, Cassese A, Guindani M, Vannucci M, Yeh H, Haneef Z, Stern J. Time-dependence of graph theory metrics in functional connectivity analysis. American Academy of Neurology 2016 Meeting. Selected for Integrated Neuroscience Session Data Blitz.

Chiang S, Guindani M, Vannucci M, Yeh H, Haneef Z, Stern J. Pre-surgical PET mapping predicts surgical outcome after anterior temporal lobectomy. American Academy of



Neurology 2016 Meeting.

Stern J, Francois C, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Shen V. Characteristics of clobazam and non-clobazam treated Lennox-Gastaut syndrome patients: A retrospective cohort study. American Academy of Neurology 2016 Meeting.

Francois C, Stern J, , Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Shen V. Healthcare resource utilization among commercially insured patients with Lennox-Gastaut syndrome initiating clobazam treatment. American Academy of Neurology 2016 Meeting.

Stern J, Francois C, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Shen V. Changes in healthcare resource utilization among Medicaid patients with Lennox-Gastaut syndrome initiating clobazam treatment. American Academy of Neurology 2016 Meeting.

Seals S, Dewar S, Haneef Z, Eliashiv D, Stern J, Moseley B. Reasons for prolonged length of stay in the epilepsy monitoring unit. American Academy of Neurology 2016 Meeting.

Francois C, Stern J, Ogbonnaya A, Lokhandwala T, Landsman-Blumberg P, Duhig A, Shen V. Healthcare resource utilization among commercially insured clobazam-treated patients with Lennox-Gastaut syndrome. Academy of Managed Care Pharmacy 2016 Meeting.

Chiang S, Cassese A, Yeh SJ, Haneef Z, Stern J. Time-dependence of graph theory metrics in functional connectivity analysis. American Epilepsy Society 2015 Meeting.

Eliashiv D, Dewar S, Stern J, Fried I. The evolving role of MRI guided laser ablation in resective epilepsy surgery. International Epilepsy Congress 2015 Meeting.

Stern J, Sperling M, Chung S, Ryvlin P, Wechsler RT, Dimova S, DeBacker M, Story T, Brock M, McShea C, Werhahn KJ. Responder rates by study phase in conversion to lacosamide monotherapy study: A post-hoc analysis. American Academy of Neurology 2015 Meeting.

Ryvlin P, Sperling M, Chung S, Stern J, Wechsler RT, Dimova S, DeBacker M, Story T, Brock M, McShea C, Werhahn KJ. Conversion to lacosamide monotherapy: Post-hoc analysis on responder and seizure freedom rates by patients and baseline characteristics. American Academy of Neurology 2015 Meeting.

Bystritsky A, Korb A, Stern J, Cohen M. Safety and feasibility of focused ultrasound neuromodulation in temporal lobe epilepsy. International Brain Stimulation 2015 Conference.

Kerr WT, Janio EA, Braesch CT, Hori JM, Le JM, Raman KR, Patel AB, Barritt SE, Hwang ES, Davis EC, Torres-Barba D, Salamon N, Engel J Jr, Stern JM, Cohen MS. Differentiating epileptic from non-epileptic seizures through patterns of comorbidities and pharmacologic management. American Epilepsy Society 2014 Meeting.

Stern J, Sperling M, Chung S, Ryvlin P, Wechsler RT, Dimova S, DeBacker M, Story T, Brock M, McShea C, Werhahn KJ. Focal seizure frequency by study phase and seizure type in conversion to lacosamide monotherapy study: A post-hoc analysis. American Epilepsy Society 2014 Meeting.

Ryvlin P, Sperling M, Chung S, Stern J, Wechsler RT, Dimova S, DeBacker M, Story T, Brock M, McShea C, Werhahn KJ. Conversion to lacosamide monotherapy: Post-hoc analysis on responder and seizure freedom rates. American Epilepsy Society 2014 Meeting.

Kerr WT, Cho AY, Nguyen ST, Reddy NM, Silverman DHS, Salamon N, Stern JM, Cohen MS. Interictal metabolic alterations in patients with psychogenic non-epileptic seizures. Organization for Human Brain Mapping 2014 Meeting.

Moseley BD, Dewar S, Haneef Z, Stern J. How long is long enough? The utility of prolonged inpatient video-EEG monitoring. American Academy of Neurology 2014 Meeting.

Chiang S, Stern J, Engel J, Levin H, Haneef Z. Graph theory based functional connectivity in lateralized temporal lobe epilepsy. American Academy of Neurology 2014 Meeting. Selected for platform presentation.

Cholfin J, Zhong N, Olney N, Eliashiv D, Stern J. Epileptic aphasia managed by continuous video EEG. American Clinical Neurophysiology Society 2014 Meeting.

Zhong N, Cholfin J, Kleinman J, Eliashiv D, Stern J. Nonconvulsive status epilepticus manifesting as pure alexia. American Clinical Neurophysiology Society 2014 Meeting.

Moseley BD, Dewar S, Haneef Z, Stern JM. How long is long enough? The utility of prolonged inpatient video-EEG monitoring. American Epilepsy Society 2013 Meeting.

Kerr WT, Trefler A, Raman KR, Hwang ES, Stern JM, Salamon N, Cohen MS. Predicting when MRI and FDG-PET will exhibit epilepsy-related findings. American Epilepsy Society 2013 Meeting.

Marawar R, Yeh HJ, Carnabatu C, Tammewar G, Stern JM. Simultaneous EEG fMRI correlation of focal slowing in temporal lobe epilepsy. American Clinical Neurophysiology Society 2013 Meeting.

Schrader LM, Horsfall J, Stern JM. Use of caffeine during intra-arterial amobarbital procedure (IAP). American Epilepsy Society 2012 Meeting.

Haneef Z, Lenartowicz A, Yeh HJ, Engel J, Stern J. Functional connectivity MRI asymmetries in lateralized temporal lobe epilepsy. American Academy of Neurology 2012 Meeting. Selected for Epilepsy Highlights session and Neuroimaging Highlights session.

Suthana NA, Haneef Z, Mukamel R, Stern J, Behnke E, Wilson C, Ekstrom A, Knowlton B, Fried I. Deep brain stimulation of the human entorhinal region enhances memory. American Association of Neurological Surgeons 2011 Meeting.

Stern JM, Yeh HJ, Haneef Z, Lenartowicz A, Mumford J. Effect of temporal lobe epilepsy on the default mode network. American Epilepsy Society 2010 Meeting.

Haneef Z, Yeh HJ, Lenartowicz A, Mumford J, Stern JM. Hippocampal networks in temporal lobe epilepsy: a 'seed-based' fMRI study. American Epilepsy Society 2010 Meeting.

Caporro M, Haneef Z, Yeh HJ, Buttinelli C, Lenartowicz A, Stern JM. Simultaneous EEG and fMRI of sleep spindles and K-complexes. American Epilepsy Society 2010 Meeting.

Upchurch K, Stern JM, Salamon N, Dewar S, Eliashiv D. Postoperative seizure outcomes when interictal MEG is concordant with ictal depth EEG. American Epilepsy Society 2010 Meeting.

Stern JM, Haneef Z, Yeh H, Okamoto Y, Akai L, Parvizi J, Homma I. Comparison of dipole analysis and functional MRI in localization of epileptiform discharges. Clin Neurophysiol 2010;121(Suppl. 1): S136.

Haneef Z, Caporro M, Yeh H, buttinelli C, Lenartowicz A, Mumford J, Parvizi J, Poldrack R, Stern J. fMRI-EEG correlations to vertex sharp transients of sleep. Clin Neurophysiol 2010;121 (Suppl. 1):S213.

Nuwer MR, Schrader LM, Sadeghinejad S, Sadeghinejad J, Kazanchyan M, Koski L, Stern JM, Wu AD, Iacononi M, Elashoff RM, Schrader LM. Investigation of low frequency repetitive transcranial magnetic stimulation (LF-rTMS) parameters on motor cortex excitability in normal subjects. Clin Neurophysiol 2010;121(Suppl. 1):S226.

Upchurch K, Stern J, Salamon N, Fried I, Eliashiv D. Comparison of intracerebral depth EEG and MSI localizations of the epileptogenic zone in evaluation for epilepsy surgery. American Society for Stereotactic and Functional Neurosurgery Biennial Meeting, New York, 2010.

Stern JM, Penovich P, Holmes GL, Eagan C, Onofrey M, Kois E, Labiner D, Gilliam F. Neurologist-patient dialogue about mood/behavior and adverse effects of antiepileptic drugs: Results of a phase II communication study. Neurology 2010;74(Suppl. 2):A303-A304. Platform presentation.

Rosenfeld V, Stern J, Ngyuen D. Quantitative EEG during polysomnography before and after treatment with sodium oxybate. Neurology 2010;74(Suppl. 2):A29-A30.

Caporro M, Haneef Z, Yeh S, Buttinelli C, Stern JM. Simultaneous EEG and fMRI of vertex sharp transients. Epilepsia 2009;50(Suppl. 11):79-80.

McGlone F, Dunseath R, Stern J. Simultaneous EEG and functional MRI employing novel noise reduction. Epilepsia 2009;50(Suppl. 11):82.

Haneef Z, Stern J, Engel J. Impact of evidence-based recommendations on referral pattern for epilepsy surgery. Epilepsia 2009;50(Suppl. 11):56-57.

Stern JM, Labiner D, Gilliam F, Penovich P, Onofrey M, Eagan C, Mathis E, Holmes GL. Improving neurologist-patient communication to promote more effective assessment of side effects and comorbidities in epilepsy: Results of a phase II communication study. Epilepsia 2009;50(Suppl. 11):156-157.

Upchurch K, Stern J, Salamon N, Behnke E, Dewar S, Eliashiv D. Comparison of intracerebral depth EEG and magnetic source imaging findings in the evaluation for resective epilepsy surgery. Epilepsia 2009;50(Suppl. 11):142.

Gilliam F, Onofrey M, Cramer J, Holmes GL, Penovich P, Stern JM, Labiner D, Eagan C. Suboptimal dialogue around mood/behavior and side effects of epilepsy medications: Results of an observational linguistic study. Neurology 2009;72(Suppl. 3):350.

Haneef Z, Dewar S, Barton E, Tirol F, Stern J, Engel J Jr. Factors prolonging stay in the epilepsy monitoring unit. American Clinical Neurophysiology Society Annual Meeting, Orlando, 2009.

Parvizi J, Ryali S, Dixit R, Banrjee D, Stern J. Behavioral and network properties of resting state alpha band oscillations in the somatosensory and auditory cortices: An intracranial study in a human subject. *NeuroImage* 2009;47(Suppl. 1):S129.

Upchurch K, Stern JM, Salamon N, Vinters HV, Veshchev I, Dewar S, Gonzalez N, Engel J Jr, Fried I. Epileptogenic temporal cavernous malformations case series: Operative strategies and post-operative seizure outcomes. *Epilepsia* 2008;49(Suppl. 7):289.

Penovich PE, Gilliam FG, Onofrey M, Cramer J, Holmes GL, Stern JM, Labiner DM, Eagan CA. Discussions of side effects and mood with patients with epilepsy: Results of an observational linguistic study. *Epilepsia* 2008;49(Suppl. 7):160.

Upchurch K, Stern J, Vinters H, Salomon N, Engel J, Fried I. Epileptogenic temporal cavernous angiomas: Operative strategies and postoperative seizure control. *Epilepsia* 2007;48(Suppl. 6):136.

Dergalust S, Leav L, Lee M, Nguyen V-H, Korr F, Chen J, Stern J, Schrader L, Sayers JF, Wallis RA, Sankar R. Evaluating the efficacy of certain dual therapy combinations of antiepileptic drugs in patients with epilepsy. 2<sup>nd</sup> Eilat International Educational Course: Pharmacological Treatment of Epilepsy, 2007.

Parvizi J, Engel J Jr, Stern JM. Behavioral correlates of alpha band oscillations in the right supramarginal cortex. *Epilepsia* 2007;48(Suppl. 7):102.

Upchurch K, Stern J, Staba R, Wilson CL, Engel J, Fried I. Presurgical planning via intracerebral depth electrodes and outcomes: A series of 100 patients with medically intractable epilepsy. *Epilepsia* 2006;47(Suppl. 4):347.

Tripathi M, Dewar S, Fried I, Sha Z, Millet D, Gonzales A, Langlois K, Stern J, Schrader L, Soss J, Engel J. Outcome after epilepsy surgery: A patient population over 45 years of age. *Epilepsia* 2006;47(Suppl. 4):123.

Fisher RS, SANTE Study Group. SANTE (Stimulation of the Anterior Nucleus of Thalamus for Epilepsy) Interim Report. *Epilepsia* 2006;47(Suppl. 4):332.

Stern JM, Tripathi M, Akhtari M, Korb A, Engel J, Cohen MS. Musicogenic seizure localization with simultaneous EEG and functional MRI (SEM). *Neurology* 2006;66(Suppl. 2):90.

Sands SF, Akhtari M, Tripathi M, Stern JM. Real-time EEG during functional MRI. *Neurology* 2006;66(Suppl. 2):361. Selected for Scientific Program Highlights session.

Schrader LM, Sadeghinejad S, Sadeghinejad J, Kazanchyan M, Koski L, Stern J, Wu A, Iacoboni M, Nuwer M. Investigation of low frequency repetitive transcranial magnetic stimulation (LF-rTMS) parameters on motor cortex excitability in normal subjects. *Neurology* 2006;66(Suppl. 2):179. Selected for Scientific Topics Highlights session.

- Schrader LM, Koski L, Nuwer MR, Engel J, Stern JM. Therapeutic efficacy of low frequency repetitive transcranial magnetic stimulation (LF-rTMS) stereotactically directed at a well-defined epileptogenic region (ER). *Epilepsia* 2005;46(Suppl. 8):225.
- Koski L, Schrader L, Wu A, Nuwer M, Stern J. Normal within-subject variation in motor threshold (MT) and cortical silent period (CSP) over ten hours. *Journal of Clinical Neurophysiology* 2005;22(5):362.
- Schrader LM, Stern JM, Fields TA, Nuwer MR, Wilson CL. The effects of transcranial magnetic stimulation (TMS) on the vagus nerve stimulator (VNS). *Epilepsia* 2004;45(Suppl. 7):330.
- Stern JM, Goldman RI, Bilusic Z, Engel J, Cohen MS. fMRI correlates to contralateral interictal epileptiform discharges. *Epilepsia* 2003;44(Suppl. 9):258.
- Schrader LM, Stern JM, Vespa P, Wilson CL, Nuwer MN, Fried I. Low frequency electrical stimulation through subdural strips for refractory status epilepticus. *Epilepsia* 2003;44(Suppl. 9):180.
- Stern JM, Schrader LM, Koski L, Chang J, Engel J, Nuwer MR. Interhemispheric asymmetry of cortical excitability in epilepsy. *Muscle Nerve* 2003;28(Suppl. 12): S190.
- Schrader LM, Stern JM, Nuwer MR, Engel J, Toga AW. Assessing the seizure risk from single- and paired-pulse transcranial magnetic stimulation (TMS) in individuals with epilepsy. *Epilepsia* 2001;42(Suppl.7):43.
- Mullin P, Stern JM, Eliashiv D, Delgado-Escueta A. Effectiveness of open-label zonisamide in juvenile myoclonic epilepsy. *Epilepsia* 2001;42(Suppl.7):184.
- Goldman RI, Stern JM, Engel J, Cohen MS. Tomographic mapping of alpha rhythm using simultaneous EEG/fMRI. *NeuroImage* 2001;13(6):S1291.
- Cohen MS, Goldman RI, Stern JM, Engel J. Simultaneous EEG and fMRI made easy. *NeuroImage* 2001;13(6):S6.
- Goldman RI, Cohen MS, Stern JM, Engel J. Acquiring EEG during functional MRI. *Epilepsia* 2000;41(Suppl.7):84.
- Goldman RI, Cohen MS, Stern JM, Engel J. Combining EEG and functional MRI. *NeuroImage* 2000;11(5):S606.
- Goldman RI, Cohen MS, Stern JM, Engel J. Combining EEG and functional MRI: cleaning up the electrical signals. *Proc Int Soc Mag Res Med* 2000;8:19.
- Liebeskind DS, Alger JR, Curran JG, Stern JM. Echo-planar diffusion-weighted MR imaging in epilepsy partialis continua. Presented at the ASNR/ASHNR/ASPNR/ASITN/ASSR Joint Meeting, San Diego, CA, 1999.
- Stern JM, Geschwind DH. A large pedigree with autosomal dominant basal ganglia calcification that shows anticipation and clinical heterogeneity. *Ann Neurol* 1998;44:457.
- Stern JM, Oberoi H, Russu IM. A nuclear magnetic resonance study of the interactions of

Mn<sup>++</sup> ions with DNA. Biophysics J 1990;57(2):448.