




## Robert Fisher, MD, PhD

The Maslah Saul Professor in the Department of Neurology and Professor, by courtesy, of Neurosurgery at the Stanford University Medical Center

Neurology & Neurological Sciences

 NIH Biosketch available Online

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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### Bio

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#### BIO

Dr. Fisher is Maslah Saul MD Professor and Director of the Stanford Epilepsy Center. He had research awards from the Klingenstein Foundation, EF, CURE and NIH. He published 160 peer-reviewed articles and 4 books. He was named 1996-2016 in Best Doctors in America. He received the Ambassador Award from the International League Against Epilepsy, the 2005 AES Service Award and the 2006 Annual Clinical Research Award. Dr. Fisher is Past-President of the American Epilepsy Society, and has served on the Board of the ILAE and as Editor-in-Chief of the Journal, Epilepsia. He is past Editor-in-Chief of the website epilepsy.com. His research is on new devices to treat epilepsy.

#### CLINICAL FOCUS

- Epilepsy
- Neurology
- EEG
- Consciousness, Loss of
- Convulsion, Non-Epileptic
- Epilepsy, Complex Partial
- Epilepsy, Generalized
- Epilepsy, Temporal Lobe
- Epilepsy, Tonic-Clonic

#### ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Neurology & Neurological Sciences
- Professor - Med Center Line (By courtesy), Neurosurgery
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

## **ADMINISTRATIVE APPOINTMENTS**

- Professional Advisory Board, Epilepsy Foundation of America, (1990-2004)
- President, Epilepsy Society of Arizona, (1997-1999)
- Chair of Neurology, Barrow Neurological Institute, Phoenix, AZ, (1998-2000)
- President, American Epilepsy Society, (1999-2000)
- Maslah Saul MD Professor of Neurology, Stanford Medical Center, (2000- present)
- Director, Epilepsy Center, Stanford, (2000- present)
- Professor (by courtesy), Neurosurgery, (2000- present)
- Director, Neurology Teaching, Stanford, (2000- present)
- Editor-In-Chief, Epilepsia, (2000-2005)
- Executive Committee, International League Against Epilepsy, (2000-2005)

## **HONORS AND AWARDS**

- Member, Marquis' Who's Who in America (2000)
- Frank Ford Award for Teaching, Johns Hopkins Hospital (1984)
- Hans Berger Award, American EEG Society (1976)
- National Service Award, American Epilepsy Society (2004)
- Ambassador Award, International League Against Epilepsy (2000)
- President, American Epilepsy Society (2000)
- Editor-in-Chief, Epilepsia, International League Against Epilepsy (2001-2006)
- Annual International Clinical Research Award, American Epilepsy Society (2006)
- Pierre Gloor Award, American Clinical Neurophysiology Society (Annual National EEG Award) (2010)
- Best Doctors in America, Woodward and White (1998-2016)

## **PROFESSIONAL EDUCATION**

- Board Certification: Neurology, American Board of Psychiatry and Neurology (1983)
- Fellowship: Johns Hopkins Neurology Residency (1983) MD
- Residency: Stanford University Internal Medicine Residency (1979) CA
- Medical Education: Stanford University School of Medicine Registrar (1977) CA
- Board Certification: Clinical Neurophysiology, American Board of Clinical Neurophysiology (1991)
- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2013)
- Board Certification: Clinical Neurophysiology, American Board of Psychiatry and Neurology (1992)
- Fellowship: Johns Hopkins University School of Medicine (1982) MD
- BS, Caltech , Biology (1971)
- M.D., Stanford , Medicine (1977)
- Ph.D., Stanford , Neuroscience (1976)

## **COMMUNITY AND INTERNATIONAL WORK**

- Editor-in-Chief, epilepsy.com, www.epilepsy.com
- Epilepsy Foundation of N. California Board, Oakland, CA
- International League Against Epilepsy Board, Brussels, Belgium

- The Epilepsy Project Advisory Board, New York
- Epilepsy Foundation, Professional Board, Landover, Maryland
- President, Epilepsy Society of Arizona, Phoenix, AZ
- Editor-in-Chief
- Executive Committee

## LINKS

- Stanford Epilepsy Center: <http://www.stanfordhospital.com/clinicsmedServices/COE/neuro/epilepsy/index.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Fisher is interested in clinical, laboratory and translational aspects of epilepsy research. Prior work has included: electrical deep brain stimulation for epilepsy, studied in laboratory models and clinical trials; drug delivery directly to a seizure focus in the brain; mechanisms of absence (petit mal) epilepsy and how the physiology and chemistry of brain changes in this disorder; hyperthermic (high-temperature) seizures; diagnosis and treatment of non-epileptic seizures, the post-ictal state (the condition in the aftermath of a seizure); driving and epilepsy; new antiepileptic drugs; surgery for epilepsy.

### CLINICAL TRIALS

- Epilepsy Impact Scale, Not Recruiting
- Lactic Acidosis During and After Seizures, Not Recruiting
- SANTE - Stimulation of the Anterior Nucleus of the Thalamus for Epilepsy, Not Recruiting
- Transcranial Magnetic Stimulation for Epilepsy, Not Recruiting
- VNS Therapy Automatic Magnet Mode Outcomes Study in Epilepsy Patients Exhibiting Ictal Tachycardia (E-37), Not Recruiting

## Publications

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### PUBLICATIONS

- **Optimized SEEG-guided radiofrequency thermocoagulation for mesial temporal lobe epilepsy with hippocampal sclerosis.** *Seizure*  
Fan, X., Shan, Y., Lu, C., An, Y., Wang, Y., Du, J., Wang, D., Wei, P., Fisher, R. S., Wang, Y., Ren, L., Zhao, G.  
2019; 71: 304–11
- **Classification as autonomic versus sensory seizures.** *Epilepsia*  
Fisher, R. S., Cross, H., D'Souza, C., French, J. A., Haut, S., Higurashi, N., Hirsch, E., Jansen, F. E., Peltola, J., Moshe, S. L., Perucca, E., Lagae, L., Roulet-Perez, et al  
2019
- **2017 International League Against Epilepsy classifications of seizures and epilepsy are steps in the right direction** *EPILEPSIA*  
Fisher, R. S., Cross, H., D'Souza, C., French, J. A., Haut, S., Higurashi, N., Hirsch, E., Jansen, F. E., Peltola, J., Moshe, S. L., Perucca, E., Lagae, L., Roulet-Perez, et al  
2019; 60 (6): 1040–44
- **2017 International League Against Epilepsy classifications of seizures and epilepsy are steps in the right direction.** *Epilepsia*  
Fisher, R. S., Cross, H., D'Souza, C., French, J. A., Haut, S., Higurashi, N., Hirsch, E., Jansen, F. E., Peltola, J., Moshé, S. L., Perucca, E., Lagae, L., Roulet-Perez, et al  
2019
- **Neuromodulation - Science and Practice in Epilepsy: Vagus Nerve Stimulation, Thalamic Deep Brain Stimulation, and Responsive NeuroStimulation** *EXPERT REVIEW OF NEUROTHERAPEUTICS*  
Markert, M. S., Fisher, R. S.

2019; 19 (1): 17–29

- **Neuromodulation - science and practice in epilepsy: Vagus nerve stimulation, thalamic deep brain stimulation, and responsive neurostimulation.** *Expert review of neurotherapeutics*  
Markert, M. S., Fisher, R. S.  
2018; 1–13
- **Intravascular stimulation of the motor cortex** *NATURE BIOMEDICAL ENGINEERING*  
Fisher, R. S.  
2018; 2 (12): 883–84
- **Operational classification of seizure types by the International League Against Epilepsy: position paper of the ILAE Commission for Classification and Terminology** *ZEITSCHRIFT FUR EPILEPTOLOGIE*  
Fisher, R. S., Cross, J., French, J. A., Higurashi, N., Hirsch, E., Jansen, F. E., Lagae, L., Moshe, S. L., Peltola, J., Perez, E., Scheffer, I. E., Zuberi, S. M.  
2018; 31 (4): 272–81
- **Instruction manual for the ILAE 2017 operational classification of seizure types** *ZEITSCHRIFT FUR EPILEPTOLOGIE*  
Fisher, R. S., Cross, J., D'Souza, C., French, J. A., Haut, S. R., Higurashi, N., Hirsch, E., Jansen, F. E., Lagae, L., Moshe, S. L., Peltola, J., Perez, E., Scheffer, I. E., et al  
2018; 31 (4): 282–95
- **Laser interstitial thermal therapy (LITT): Seizure outcomes for refractory mesial temporal lobe epilepsy.** *Epilepsy & behavior : E&B*  
Le, S., Ho, A. L., Fisher, R. S., Miller, K. J., Henderson, J. M., Grant, G. A., Meador, K. J., Halpern, C. H.  
2018; 89: 37–41
- **The 2017 ILAE classification of seizure types and the epilepsies: what do people with epilepsy and their caregivers need to know?** *EPILEPTIC DISORDERS*  
Brodie, M. J., Zuberi, S. M., Scheffer, I. E., Fisher, R. S.  
2018; 20 (2): 77–87
- **The new definition and classification of seizures and epilepsy.** *Epilepsy research*  
Falco-Walter, J. J., Scheffer, I. E., Fisher, R. S.  
2018; 139: 73–79
- **Repetitive transcranial magnetic stimulation directed to a seizure focus localized by high-density EEG: A case report** *EPILEPSY & BEHAVIOR CASE REPORTS*  
Fisher, R., Zhou, J., Fogarty, A., Joshi, A., Markert, M., Deutsch, G. K., Velez, M.  
2018; 10: 47–53
- **Repetitive transcranial magnetic stimulation directed to a seizure focus localized by high-density EEG: A case report.** *Epilepsy & behavior case reports*  
Fisher, R., Zhou, J., Fogarty, A., Joshi, A., Markert, M., Deutsch, G. K., Velez, M.  
2018; 10: 47–53
- **The Revised Definition and Classification of Epilepsy for Neurodiagnostic Technologists.** *The Neurodiagnostic journal*  
Fisher, R. S., Bonner, A. M.  
2018; 58 (1): 1–10
- **The Next Paradigm Change in EEG Recording: What Will it Mean for EEG Technologists?** *The Neurodiagnostic journal*  
Fisher, R. S., Burdelle, M. E.  
2018; 58 (3): 140–42
- **Intravascular stimulation of the motor cortex.** *Nature biomedical engineering*  
Fisher, R. S.  
2018; 2 (12): 883–84
- **A Comment on Driving and Neurologic Impairment** *MAYO CLINIC PROCEEDINGS*  
Fisher, R. S., Draskowski, J. F.  
2017; 92 (9): 1326–27
- **How long for epilepsy remission in the ILAE definition?** *EPILEPSIA*  
Fisher, R. S., Acevedo, C., Arzimanoglou, A., Bogacz, A., Cross, J., Elger, C. E., Engel, J., Forsgren, L., French, J. A., Hesdorffer, D. C., Lee, B., Mathern, G. W., Moshe, et al  
2017; 58 (8): 1486–87

- **Response to the numbering of seizure types** *EPILEPSIA*  
Fisher, R. S., Cross, J., D'Souza, C., French, J. A., Haut, S., Higurashi, N., Hirsch, E., Jansen, F. E., Lagae, L., Moshe, S. L., Korey, S. R., Purpura, D. P., Peltola, et al  
2017; 58 (7): 1300–1301
- **The New Classification of Seizures by the International League Against Epilepsy 2017** *CURRENT NEUROLOGY AND NEUROSCIENCE REPORTS*  
Fisher, R. S.  
2017; 17 (6)
- **Instruction manual for the ILAE 2017 operational classification of seizure types** *EPILEPSIA*  
Fisher, R. S., Cross, J. H., D'Souza, C., French, J. A., Haut, S. R., Higurashi, N., Hirsch, E., Jansen, F. E., Lagae, L., Moshe, S. L., Peltola, J., Perez, E. R., Scheffer, et al  
2017; 58 (4): 531-542
- **Operational classification of seizure types by the International League Against Epilepsy: Position Paper of the ILAE Commission for Classification and Terminology** *EPILEPSIA*  
Fisher, R. S., Cross, J. H., French, J. A., Higurashi, N., Hirsch, E., Jansen, F. E., Lagae, L., Moshe, S. L., Peltola, J., Roulet Perez, E., Scheffer, I. E., Zuberi, S. M.  
2017; 58 (4): 522-530
- **Memory and mood outcomes after anterior thalamic stimulation for refractory partial epilepsy** *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY*  
Troester, A. I., Meador, K. J., Irwin, C. P., Fisher, R. S.  
2017; 45: 133-141
- **Bad information in epilepsy care** *EPILEPSY & BEHAVIOR*  
Fisher, R. S.  
2017; 67: 133–34
- **Tracking generalized tonic-clonic seizures with a wrist accelerometer linked to an online database** *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY*  
Velez, M., Fisher, R. S., Bartlett, V., Le, S.  
2016; 39: 13-18
- **Vagus Nerve Stimulation: Rapid versus Slow Cycling in a Laboratory Model** *NEUROTHERAPEUTICS*  
Fisher, R. S.  
2016; 13 (3): 590–91
- **Methods for Measuring Seizure Frequency and Severity** *NEUROLOGIC CLINICS*  
Aghaei-Lasboo, A., Fisher, R. S.  
2016; 34 (2): 383-?
- **Serum prolactin in seizure diagnosis Glass half-full or half-empty?** *NEUROLOGY-CLINICAL PRACTICE*  
Fisher, R. S.  
2016; 6 (2): 100–101
- **Automatic Vagus Nerve Stimulation Triggered by Ictal Tachycardia: Clinical Outcomes and Device Performance-The U.S. E-37 Trial.** *Neuromodulation*  
Fisher, R. S., Afra, P., Macken, M., Minecan, D. N., Bagic, A., Benbadis, S. R., Helmers, S. L., Sinha, S. R., Slater, J., Treiman, D., Begnaud, J., Raman, P., Najimipour, et al  
2016; 19 (2): 188-195
- **Brain stimulation for epilepsy** *TREATMENT OF EPILEPSY, 4TH EDITION*  
Bergey, G. K., Fisher, R. S., Shorvon, S., Perucca, E., Engel, J.  
2016: 967–79
- **Stereotactic laser ablation of the splenium for intractable epilepsy.** *Epilepsy & behavior case reports*  
Ho, A. L., Miller, K. J., Cartmell, S., Inoyama, K., Fisher, R. S., Halpern, C. H.  
2016; 5: 23-26
- **Frequency-selective control of cortical and subcortical networks by central thalamus** *ELIFE*  
Liu, J., Lee, H. J., Weitz, A. J., Fang, Z., Lin, P., Choy, M., Fisher, R., Pinskiy, V., Tolpygo, A., Mitra, P., Schiff, N., Lee, J. H.  
2015; 4

- **Stimulation of the medial septum should benefit patients with temporal lobe epilepsy** *MEDICAL HYPOTHESES*  
Fisher, R. S.  
2015; 84 (6): 543-550
- **Use of an online epilepsy diary to characterize repetitive seizures** *EPILEPSY & BEHAVIOR*  
Fisher, R. S., Bartfeld, E., Cramer, J. A.  
2015; 47: 66-71
- **Redefining epilepsy** *CURRENT OPINION IN NEUROLOGY*  
Fisher, R. S.  
2015; 28 (2): 130-135
- **Long-term efficacy and safety of thalamic stimulation for drug-resistant partial epilepsy.** *Neurology*  
Salanova, V., Witt, T., Worth, R., Henry, T. R., Gross, R. E., Nazzaro, J. M., Labar, D., Sperling, M. R., Sharan, A., Sandok, E., Handforth, A., Stern, J. M., Chung, et al  
2015; 84 (10): 1017-1025
- **Electroencephalographic features of moyamoya in adults** *CLINICAL NEUROPHYSIOLOGY*  
Frechette, E. S., Bell-Stephens, T. E., Steinberg, G. K., Fisher, R. S.  
2015; 126 (3): 481-485
- **Optogenetic fMRI reveals distinct, frequency-dependent networks recruited by dorsal and intermediate hippocampus stimulations.** *NeuroImage*  
Weitz, A. J., Fang, Z., Lee, H. J., Fisher, R. S., Smith, W. C., Choy, M., Liu, J., Lin, P., Rosenberg, M., Lee, J. H.  
2015; 107: 229-241
- **Vagus nerve stimulation magnet activation for seizures: a critical review.** *Acta neurologica Scandinavica*  
Fisher, R. S., Eggleston, K. S., Wright, C. W.  
2015; 131 (1): 1-8
- **Frequency-selective control of cortical and subcortical networks by central thalamus.** *eLife*  
Liu, J., Lee, H. J., Weitz, A. J., Fang, Z., Lin, P., Choy, M., Fisher, R., Pinskiy, V., Tolpygo, A., Mitra, P., Schiff, N., Lee, J. H.  
2015; 4: e09215
- **The Personal Impact of Epilepsy Scale (PIES)** *EPILEPSY & BEHAVIOR*  
Fisher, R. S., Nune, G., Roberts, S. E., Cramer, J. A.  
2015; 42: 140-146
- **COMMENTARY: OPERATIONAL DEFINITION OF EPILEPSY SURVEY** *EPILEPSIA*  
Fisher, R. S.  
2014; 55 (11): 1688
- **Ictal tachycardia: The head-heart connection** *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY*  
Eggleston, K. S., Olin, B. D., Fisher, R. S.  
2014; 23 (7): 496-505
- **Untitled** *EPILEPSIA*  
Fisher, R. S.  
2014; 55 (8): 1153
- **Electrical brain stimulation for epilepsy** *NATURE REVIEWS NEUROLOGY*  
Fisher, R. S., Velasco, A. L.  
2014; 10 (5): 261-270
- **ILAE Official Report: A practical clinical definition of epilepsy** *EPILEPSIA*  
Fisher, R. S., Acevedo, C., Arzimanoglou, A., Bogacz, A., Cross, J. H., Elger, C. E., Engel, J., Forsgren, L., French, J. A., Glynn, M., Hesdorffer, D. C., Lee, B. I., Mathern, et al  
2014; 55 (4): 475-482
- **Final Comments on the Process: ILAE Definition of Epilepsy** *EPILEPSIA*  
Fisher, R. S.

2014; 55 (4): 492-93

- **Rehospitalization and emergency department use rates before and after vagus nerve stimulation for epilepsy: use of state databases to provide longitudinal data across multiple clinical settings.** *Neuromodulation*  
Kalanithi, P. S., Arrigo, R. T., Tran, P., Gephart, M. H., Shuer, L., Fisher, R., Boakye, M.  
2014; 17 (1): 60-65
- **High-Frequency Oscillations Recorded on the Scalp of Patients With Epilepsy Using Tripolar Concentric Ring Electrodes.** *IEEE journal of translational engineering in health and medicine*  
Besio, W. G., Martinez-Juarez, I. E., Makeyev, O., Gaitanis, J. N., Blum, A. S., Fisher, R. S., Medvedev, A. V.  
2014; 2: 2000111
- **How Can We Identify Ictal and Interictal Abnormal Activity?** *Workshop on Issues in Clinical Epileptology - A View from the Bench held in honor of Phil Fisher, R. S., Scharfman, H. E., deCurtis, M.*  
SPRINGER.2014: 3-23
- **Deep brain stimulation for epilepsy.** *Handbook of clinical neurology*  
Fisher, R. S.  
2013; 116: 217-234
- **Seizure diaries for clinical research and practice: Limitations and future prospects** *EPILEPSY & BEHAVIOR*  
Fisher, R. S., Blum, D. E., Diventura, B., Vannest, J., Hixson, J. D., Moss, R., Herman, S. T., Fureman, B. E., French, J. A.  
2012; 24 (3): 304-310
- **Early Surgical Therapy for Drug-Resistant Temporal Lobe Epilepsy A Randomized Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Engel, J., McDermott, M. P., Wiebe, S., Langfitt, J. T., Stern, J. M., Dewar, S., Sperling, M. R., Gardiner, I., Erba, G., Fried, I., Jacobs, M., Vinters, H. V., Mintzer, et al  
2012; 307 (9): 922-930
- **Therapeutic devices for epilepsy** *ANNALS OF NEUROLOGY*  
Fisher, R. S.  
2012; 71 (2): 157-168
- **An online diary for tracking epilepsy** *EPILEPSY & BEHAVIOR*  
Le, S., Shafer, P. O., Bartfeld, E., Fisher, R. S.  
2011; 22 (4): 705-709
- **Benefits of trigeminal nerve stimulation** *EPILEPSY & BEHAVIOR*  
Fisher, R. S.  
2011; 22 (4): 615-616
- **Neurostimulation for Epilepsy: Do We Know the Best Stimulation Parameters?** *EPILEPSY CURRENTS*  
Fisher, R. S.  
2011; 11 (6): 203-204
- **Direct brain stimulation is an effective therapy for epilepsy** *NEUROLOGY*  
Fisher, R. S.  
2011; 77 (13): 1220-1221
- **Detection of seizure-like movements using a wrist accelerometer** *EPILEPSY & BEHAVIOR*  
Lockman, J., Fisher, R. S., Olson, D. M.  
2011; 20 (4): 638-641
- **Direct electrical stimulation for epilepsy: The laboratory evidence** *EPILEPSIA*  
Graber, K. D., Fisher, R. S.  
2010; 51: 86-86
- **Definition of the postictal state: When does it start and end?** *EPILEPSY & BEHAVIOR*  
Fisher, R. S., Engel, J. J.  
2010; 19 (2): 100-104

- **Prospective, Double-Blind, Randomized, Placebo-Controlled Comparison of Acetazolamide Versus Ibuprofen for Prophylaxis Against High Altitude Headache: The Headache Evaluation at Altitude Trial (HEAT) WILDERNESS & ENVIRONMENTAL MEDICINE**  
Gertsch, J. H., Lipman, G. S., Holck, P. S., Merritt, A., Mulcahy, A., Fisher, R. S., Basnyat, B., Allison, E., Hanzelka, K., Hazan, A., Meyers, Z., Odegaard, J., Pook, et al  
2010; 21 (3): 236-243
- **Electrical stimulation of the anterior nucleus of thalamus for treatment of refractory epilepsy EPILEPSIA**  
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, et al  
2010; 51 (5): 899-908
- **What is a classification essay? EPILEPSIA**  
Fisher, R. S.  
2010; 51 (4): 714-715
- **Tracking epilepsy with an electronic diary ACTA PAEDIATRICA**  
Fisher, R. S.  
2010; 99 (4): 516-518
- **Recurrent Seizures Related to Motor Cortex Stimulator Programming NEUROMODULATION**  
Henderson, J. M., Heit, G., Fisher, R. S.  
2010; 13 (1): 37-42
- **CONVULSIVE SEIZURES AND STATUS EPILEPTICUS EPILEPSY AND INTENSIVE CARE MONITORING**  
Anderson, C., Fisher, R. S., Fisch, B. J.  
2010: 259-85
- **Therapeutic Brain Stimulation for Epilepsy NEUROLOGIC CLINICS**  
Lockman, J., Fisher, R. S.  
2009; 27 (4): 1031-?
- **What clinicians want to know from epilepsy researchers EPILEPSIA**  
Fisher, R. S.  
2009; 50 (3): 364-367
- **Group therapy for patients with psychogenic nonepileptic seizures: A pilot study 58th Annual Meeting of the American-Epilepsy-Society**  
Barry, J. J., Wittenberg, D., Bullock, K. D., Michaels, J. B., Classen, C. C., Fisher, R. S.  
ACADEMIC PRESS INC ELSEVIER SCIENCE.2008: 624-29
- **Sensitivity and specificity of video alone versus electroencephalography alone for the diagnosis of partial seizures EPILEPSY & BEHAVIOR**  
Chen, D. K., Graber, K. D., Anderson, C. T., Fisher, R. S.  
2008; 13 (1): 115-118
- **Debate: When does a seizure imply epilepsy? EPILEPSIA**  
Fisher, R. S., Leppik, I.  
2008; 49: 7-12
- **BRAIN STIMULATION FOR THE TREATMENT OF EPILEPSY: WHAT IS THE EVIDENCE IN HUMANS AND ANIMALS?**  
Jobst, B. C., Velasco, F., Lado, F., Mogul, D. J., Boon, P., Lenck-Santini, P., Fisher, R. S.  
WILEY-BLACKWELL PUBLISHING, INC.2008: 176
- **An Unusual Case of Seizures and Violence PUZZLING CASES OF EPILEPSY, 2ND EDITION**  
Fisher, R. S., Schmidt, D., Schachter, S. C.  
2008: 309-12
- **Anti-voltage-gated-potassium channel antibodies can be associated with a variant of Rasmussen encephalitis 61st Annual Meeting of the American-Epilepsy-Society**  
Anderson, C. T., Graber, K. D., Fisher, R. S.  
WILEY-BLACKWELL.2007: 34-35
- **Subcortical control of cortical excitability**



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Fisher, R. S., Brown, L., Gale, K.  
BLACKWELL PUBLISHING.2007: 410

- **How to get the answer to nearly everything: Using the internet for epilepsy research** *EPILEPSIA*  
Fisher, R. S.  
2007; 48 (7): 1421-22
- **Gender and age differences in expression of GABA(A) receptor subunits in rat somatosensory thalamus and cortex in an absence epilepsy model** *NEUROBIOLOGY OF DISEASE*  
Li, H., Huguenard, J. R., Fisher, R. S.  
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- **Intraventricular administration of gabapentin in the rat increases flurothyl seizure threshold.** *Neurosci Lett*  
Oommen J, Kraus AC, Fisher RS.  
2007; 417 (3): 308-11
- **Brain stimulation for epilepsy.** *Acta neurochirurgica. Supplement*  
Theodore, W. H., Fisher, R.  
2007; 97: 261-272
- **New routes for delivery of anti-epileptic medications.** *Acta neurologica Taiwanica*  
Fisher, R. S., Chen, D. K.  
2006; 15 (4): 225-231
- **Conversion disorder** *AMERICAN JOURNAL OF PSYCHIATRY*  
Stonnington, C. M., Barry, J. J., Fisher, R. S.  
2006; 163 (9): 1510-1517
- **Selective changes in thalamic and cortical GABA(A) receptor subunits in a model of acquired absence epilepsy in the rat** *NEUROPHARMACOLOGY*  
Li, H., Kraus, A., Wu, J., Huguenard, J. R., Fisher, R. S.  
2006; 51 (1): 121-128
- **Measuring effects of antiepileptic medication on balance in older people** *Epilepsy Research*  
Fife TD, Fisher RS, Blum DE  
2006; 70: 103-109
- **SANTE (Stimulation of the Anterior Nucleus of Thalamus for Epilepsy) interim report**  
Fisher, R. S., SANTE Study Grp  
BLACKWELL PUBLISHING.2006: 332
- **Nonepileptic seizures: Clinical case conference: Conversion disorder** *American Journal of Psychiatry*  
Stonnington CM, Barry JJ, Fisher RS  
2006; 163: 1510-1517
- **Use of serum prolactin in diagnosing epileptic seizures - Report of the therapeutics and technology assessment subcommittee of the American academy of neurology** *NEUROLOGY*  
Chen, D. K., So, Y. T., Fisher, R. S.  
2005; 65 (5): 668-675
- **Epileptic seizures and epilepsy: Definitions proposed by the International League Against Epilepsy (ILAE) and the International Bureau for Epilepsy (IBE)** *AKTUELLE NEUROLOGIE*  
Fisher, R. S., Boas, W. V., Blume, W., Elger, C., Genton, P., Lee, P., Engel, J.  
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