

CURRICULUM VITAE

Richard H. Mattson, M.D.

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Birthdate: May 9, 1931

Education: The Taft School, Watertown, Connecticut 1949
Yale University, New Haven, Connecticut, B.S. 1953
Boston University, Boston, Massachusetts, M.D. 1957
University of Minnesota, Minneapolis, M.S. 1962
Yale University, New Haven, Connecticut M.A. (Hon) 1967

Internship: Wilford Hall Air Force Hospital 1957 - 1958

Residency: Neurology, Mayo Foundation 1958 - 1962
Neurophysiology, Mayo Foundation 1961 - 1962

Sabbatical: NINDS Epilepsy Branch 1988
Basic Mechanisms of Antiepileptic Drugs

Military: Active Duty, Major, U.S. Air Force (USAF) 1957 -
1967

Chief, Neurology Service, Wilford Hall USAF Hospital
Flight Medical Officer
Consultant in Neurology to the USAF Surgeon General
Neurology Advisor to Manned Orbital Lab

Academic Appointments:

Clinical Assistant Professor, Neurology, 1966 - 1967
University of Texas, Medical Branch, Galveston
Assistant Professor, Neurology, Yale University School of Medicine (YMS) 1967 - 1971
Associate Clinical Professor, Neurology, YMS 1971 - 1977
Clinical Professor of Neurology, YMS 1977 - 1983
Professor of Neurology, YMS 1983 - 2003
Director Yale Neurology Residency Program 1983- 1996
Director of Medical Studies (Education), Department of Neurology, YMS 1985 - 2002

Richard H. Mattson, M.D.

Vice Chairman for Academic Affairs, Department of Neurology, YMS	1996 – 1999
Professor of Neurology Emeritus	2003
Senior Research Scientist	2003

Board Certification:

National Board of Medical Examiners	1960
American Board of Psychiatry and Neurology (N)	1964
American Board of Clinical Neurophysiology	1966
American Board of Electromyography and Electrodiagnosis	

Honors or Recognition:

Begg Honor Society, Boston University	1955
HV Jones Medical Science Award, Mayo Foundation	1962
Citation- Wilford Hall USAF Hospital	1967
Examiner, American Board of Neurology and Psychiatry	1967-1990
Examiner, American Board of Qualification	1967
Epilepsy Foundation of America Professional Advisory Board	1967-1998
Outstanding Clinical Trial: International League Against Epilepsy (ILAE)	1986
Ambassador Award, ILAE	1989
Best Doctors in the USA	1992-2005
Silver "Cindy" Award, Epilepsy Foundation of America (EFA)	
1993	
Neurology Attending of the Year, YMS	1994
William J. Lennox Award, American Epilepsy Society (AES)	1994
Who's Who in the World (America, Healthcare, Science)	1996-
Hans Berger Lecturer	1997
Novartis ILAE/IBE Epileptology Prize	1997
AES/MILLKEN Clinical Investigator Award	1997
Hans Berger Distinguished Scholar Award	2001

Hospital Appointments:

Chief , Neurology Service, Wilford Hall USAF Hospital	1963 - 1967
Consultant in Neurology, Connecticut Mental Health Center	1967 - 1969
Assistant Chief, Neurology Service, Veterans Administration Medical Center (VAMC)	1967 - 1978
Attending in Neurology, Hospital of St. Raphael	1967 - 1983
Attending in Neurology, Yale-New Haven Hospital	1967 -
Director , Epilepsy Center, Yale - VAMC	1971 - 1988
Chief, Seizure Clinic, Yale-New Haven Hospital	1973 - 1978
Chief , Neurology Service, VAMC, West Haven	1978 - 1993

Other Yale Appointments:

Director , Neurology Residency Program, YMS	1985 -1996
Director , Yale/NIH Program Project Grant	1985 -2003
Clinical Curriculum Committee, YMS	1985 -2002
Director , Neuroscience Clerkship, YMS III-IV	1989 -2002
Director , Neuroscience & Psychiatry Course, YMS II	1991 - 1998
Admissions Committee, YMS	1992 -1999
Secretary, Yale Neurology Alumni Association	1994 -

Society Memberships:

New Haven County Medical Association
Connecticut Neurological Society
American Medical Association
The American Academy of Neurology (AAN Fellow)
The American Neurological Association (ANA)
The American Clinical Neurophysiology Society (ACNS)(fellow)
The American Epilepsy Society (AES), **Past President**
Southern Clinical Neurological Society, **Past President**
The American Association for Advancement of Science
The Association for Research in Nervous and Mental Diseases

Editorial Boards:

Clinical Therapeutics
CNS Drug Reviews
Seizure
Ad Hoc Reviewer: Lancet, JAMA, New England Journal of Medicine, Annals of Neurology, Archives of Neurology, Neurology, Epilepsia, Drugs.

Other Appointments:

CT Epilepsy Foundation PAB	1975-
Chairman , VA Multi-Center Cooperative Study "Efficacy of Antiepileptic Drugs in the Treatment of Specific Seizure Types"	1976-
Co-Chairman J Kiffen Penry Epilepsy Educational Program	1997-
Chairman , International League Against Epilepsy, Commission on Therapeutic Strategies	1997-2001
ILAE Commission on Therapeutic Strategies, member	2001-2005
ILAE Sub-Commission on AED Guidelines	1998-
American Epilepsy Society Awards Committee	2001-2004
Chairman , J Kiffen Penry Award Committee	2001
Advisory Committee member to Abbott, Eisai, Glaxo, Novartis, Ortho and UCB pharmaceutical companies.	1990-

Past Special Appointments (Selected):

	Examiner, American Board of Neurology and Psychiatry	1967 -
	Examiner, American Board of Qualifications in Clinical Neurophysiology	1967-
	Chairman , Program Committee, American Association of Electromyography and Electrodiagnosis	1973
	Program Committee, AAN	1974
and 1975		
	Chairman , VAMC Workshops on Epilepsy	1974 and 1976
	Chairman , Special Committee which developed guidelines, "Standards of Clinical Electroencephalographers", ACNS	1975
	Vice Chairman , Connecticut Governor's Commission on Epilepsy	1976
	Chairman , Research and Development Committee, VAMC	1977 and 1978
	Epilepsy Advisory Council, National Institutes of Health	1977 - 1981
	Secretary/Treasurer, Connecticut Neurological Society	1977 - 1987
	Chairman , Program Committee, Am Epilepsy Soc.	1978
	Committee on Flight Standards, Federal Aviation Administration	1979
	Pharmacy Committee, VA Cooperative Studies Central Research	1979 - 1981
	Program Committee, Epilepsy International	1979 and 1983
	Council, American Epilepsy Society	1983 - 1987
	Committee on the Classification of Epilepsy, ILAE	1976-1993
	Chairman , International Symposium on Epilepsy, Hormones and Pregnancy	1982 - 1983
	Search Committee, YMS Chairman of Surgery	1984 - 1985
	President , American Epilepsy Society	1985 - 1986
	Dean's Committee, VAMC	1985 -
1992		
	Cabinet Member, Yale New Haven Hospital	1986 - 1987
	Director , Annual Course on Epilepsy AAN	1986 - 1989
	Vice President , National Association of Epilepsy Centers	1987 - 1988
	Representative for Northeast to Central Office Field	
	Advisory Group in Neurology (VA)``	1989 - 1992
	Epilepsy Foundation of America (EFA)	
	Professional Advisory Board	1977 -1996
	National Liaison Member for the VA Hospitals	1977 -1996
	Advisor to NINDS	
1998-2002		
	Chairman , Symposium on Tolerance to Antiepileptic Drugs, International League Against Epilepsy Paris, France/	. 2005

VISITING PROFESSOR OR LECTURER (USA)

Albany Medical College
 Allegheny Medical School
 Armed Forces Medical Center, San Antonio
 Boston University

Brown University
Cornell
Dartmouth Medical School
Georgetown Medical School
George Washington Univ Medical School
Harvard University
Johns Hopkins Medical School
Lahey Clinic
Mayo Medical School
Medical College of Georgia (Augusta)
Medical College of Pennsylvania
New Jersey Medical Center, Newark
New Jersey Medical Center, Robert Wood Johnson
New York Medical College
Northwestern Medical School
New York University
Stanford University
SUNY Medical Center, Stonybrook
Virginia Commonwealth Medical School
University of Alabama Medical School, Birmingham
University of California at Los Angeles
University of CT Medical School
University of South Carolina Medical School, Columbia
University of South Carolina Medical School, Charleston
University of Miami Medical School
University of Mississippi Medical School
University of Texas Galveston
University of Texas Houston
University of Texas, Southwestern
University of Washington Medical School
Virginia Commonwealth University

INVITED LECTURER (OVERSEAS)

Bonn University, Germany
Gothenberg Univ, Sweden
Karolinska Institute, Sweden
Kings's College, London UK
University of Paris, France
Messina Medical School, Sicily
Zurich Medical School, Austria
Glasgow University, Scotland
Venice Summer School

Nov 5, 2005

ORIGINAL MANUSCRIPTS (not current)

Bennett DR, Mattson RH, Ziter FA, Calverley JR, Liske EA, Pratt KL. Sleep deprivation: Neurologic and EEG effects. *Aerospace Med* 35:888-890, 1964.

Mattson RH. A good night's sleep. *J Amer Med Assoc* 194:292, 1965.

Mattson RH, Pratt KD, Calverley JR. Electroencephalograms of epileptics following sleep deprivation. *Arch Neurol* 13:310-315, 1965.

Mattson RH, Peterson EW. Glioblastoma multiform of the optic nerve. *JA A* 196:799-800, 1966.

Smith CK, Mattson RH. Seizures in Wilson's Disease. *Neurology* 17:1121-1123, 1967.

Mattson RH, Calverley JR. Dextroamphetamine-sulfate induced dyskinesias. *J Amer Med Assoc* 204:400-401, 1968.

Mattson RH, Lecocq R. Nerve conduction velocities in fasting patients. *Neurology* 18:335-339, 1968.

Pratt KL, Mattson RH, Weikers NJ, Williams R. EEG activation of epileptics following sleep deprivation: A prospective analysis of 114 cases. *EEG Clin Neurophysiol* 24:11-15, 1968.

Mattson RH, Weisman GK, Levy LL. Dependence and CNS toxicity associated with the use of propoxyphene hydrochloride. *Trans Amer Neurol Assoc* 94:299-301, 1969.

Weikers NJ, Mattson RH. Acute paralytic brachial neuritis. *Neurology* 19:1153-1158, 1969.

Gallagher BB, Smith DB, Mattson RH. The relationship of the anticonvulsant properties of primidone to phenobarbital. *Epilepsia* 11:293-301, 1970.

Baumel IP, Gallagher BB, Mattson RH. Phenylethylmalonamide (PEMA) - An important metabolite of primidone. *Arch Neurol* 27:34-41, 1972.

Gallagher BB, Baumel IP, Mattson RH. Metabolic disposition of primidone and its metabolites in epileptic subjects after single and repeated administration. *Neurology* 22:1186-1192, 1972.

Reynolds EH, Gallagher BB, Mattson RH. Relationship between serum and cerebrospinal fluid folate. *Nature* 240:155-157, 1972.

Reynolds EH, Mattson RH, Gallagher BB. Relationships between serum and cerebrospinal fluid anticonvulsant drug and folic acid concentrations in epileptic patients. *Neurology* 22:841-844, 1972.

Wallace JD, Weintraub MI, Mattson RH, Rosnagle RJ. Status epilepticus as a complication of intrathecal fluorescein. *J Neurosurg* 36:659-660, 1972.

Gallagher BB, Baumel IP, Mattson RH, Woodbury SG. Primidone, diphenylhydantoin and phenobarbital. Aspects of acute and chronic toxicity. *Neurology* 23:145-149, 1973.

Mattson RH, Gallagher BB, Reynolds EH, Glass DH. Folate therapy in epilepsy: A controlled study. *Arch Neurol* 29:78-81, 1973.

Brillman J, Gallagher BB, Mattson RH. Acute primidone intoxication. *Arch Neurol* 30:255-258, 1974.

Glass DH, Mattson RH. Paroxysmal EEG activity during fixed ratio and DRL performance of temporal lobe epileptics. *EEG Clin Neurophysio* 37:204-220, 1974.

Mattson RH, Williamson PD, Hanahan E. Eterobarb therapy in epilepsy. *Neurology* 26:1014-1017, 1976.

Mattson RH, Cramer JA, Williamson PD, Novelly RA. Valproic acid in epilepsy: Clinical and pharmacological effects. *Ann Neurol* 3:20-25, 1978.

Cramer JA, Mattson RH. Valproic acid. In vitro plasma protein binding and interaction with phenytoin. *Therap Drug Monit* 1:105-116, 1979.

Daly DD, Bennett DR, Crandall PH, Mattson RH, Penry JK, Rasmussen TB. Seizure disorders and disturbances of consciousness - Panel 6. *Arch Neurol* 36:782-783, 1979.

Huttenlocher PR, Mattson RH. Isoprinidine in subacute sclerosing panencephalitis. *Neurology* 26:763-771, 1979.

Spencer SS, Williamson PD, Spencer DD, Mattson RH. Value of depth electroencephalography in 21 patients with refractory epilepsy. *Trans Amer Neurol Assoc* 104:241-243, 1979.

Delaney RC, Rosen AS, Mattson RH, Novelly RA. Memory function in focal epilepsy. A comparison of non-surgical unilateral temporal lobe and frontal lobe samples. *Cortex* 16:103-117, 1980.

Fay ML, Mattson RH. Clinical testing during intensive monitoring of ictal events. In: Advances in Epileptology. Tenth Epilepsy International Symposium, eds., JA Wada, JK Penry, Raven Press, New York, 65-68, 1980.

Mattson RH. Value of intensive monitoring. In: Advances in Epileptology. Tenth Epilepsy International

Richard H. Mattson, M.D.

Symposium, eds., JA Wada, JK Penry, Raven Press, New York, 43-52, 1980.

Mattson RH, Cramer JA. Valproic acid and ethosuximide interaction. *Ann Neurol* 7:583-584, 1980.

Soloway SS, Williamson PD, Spencer DD, Mattson RH. Surgery for epilepsy: Role of depth electroencephalography. *Conn Med* 44:70-75, 1980.

Williamson PD, Spencer DD, Spencer SS, Mattson RH. Presurgical intensive monitoring using depth electroencephalography in temporal lobe epilepsy. In: Advances in Epileptology. Tenth Epilepsy International Symposium, eds., JA Wada, JK Penry, Raven Press, New York, 73-84, 1980.

Delgado-Escueta AV, Mattson RH, King L, Goldensohn ES, Spiegel H, Madsen J, Crandall P, Dreifuss F, Porter R. Special report. The nature of aggression during epileptic seizures. *N Eng J Med* 305:711-716, 1981.

Spencer SS, Spencer DD, Williamson PD, Mattson RH. Ictal effects of anticonvulsant medication withdrawal in epileptic patients. *Epilepsia* 22:297-307, 1981.

Cramer JA, Mattson RH. A simple method to obtain unbound antiepileptic drugs in blood. *Therap Drug Monit* 4:107-108, 1982.

Mattson GF, Mattson RH, Cramer JA. Interaction between valproic acid and carbamazepine: An in vitro study of protein binding. *Therap Drug Monit* 4:181-184, 1982.

Spencer SS, Spencer DD, Williamson PD, Mattson RH. The localizing value of depth electroencephalography in 32 patients with refractory epilepsy. *Ann Neurol* 12:248-253, 1982.

Cramer JA, Bennett DM, Mattson RH. Free and bound valproic acid separated by two methods of ultrafiltration. *Clin Chem* 29:1441-1442, 1983.

Cramer JA, McCarthy KA, Mattson RH. Free fraction of valproic acid is the same in serum and plasma. *Clin Chem* 29:1449, 1983.

Cramer JA, Smith DB, Mattson RH, Delgado-Escueta AV, Collins JF, the VA Epilepsy Cooperative Study Group. A method of quantification for the evaluation of antiepileptic drug therapy. *Neurology* 33(Suppl 1):28-37, 1983.

Delgado-Escueta AV, Mattson RH, Smith DB, Cramer JA, Collins JF. Principles in designing clinical trials for antiepileptic drugs. *Neurology* 33(Suppl 1):8-14, 1983.

Mattson RH. Closed circuit televised videotape recording and electroencephalography (CCTV/EEG) in convulsive status epilepticus. In: Advances in Neurology. Symposium on Status Epilepticus, eds., AV Delgado-Escueta, CG Wasterlain, DM Treiman, RJ Porter, Raven Press, New York, 37-46, 1983.

Mattson RH, Cramer JA, Delgado-Escueta AV, Smith DB, Collins JF, the VA Epilepsy Cooperative Study Group. A design for the prospective evaluation of the efficacy and toxicity of antiepileptic drugs in adults. *Neurology* 33(Suppl 1):15-27, 1983.

Smith DB, Delgado-Escueta AV, Cramer JA, Mattson RH. Historical perspective on the choice of antiepileptic drugs for the treatment of seizures in adults. *Neurology* 33(Suppl 1):2-7, 1983.

Richard H. Mattson, M.D.

Spencer SS, Spencer DD, Williamson PD, Mattson RH. Sexual automatisms in partial complex seizures. *Neurol* 33:527-533, 1983.

Spilker B, Wilder BJ, Bruni J, Mattson RH, Masland R, Resor S, Wannamaker B, Maddox R, Treiman DM, Geiger E, Peck M, Cloutier G. A multi-center study of the efficacy and safety of cinromide in patients with partial seizures. *Curr Therap Res* 34:7-14, 1983.

Swick CT, Williamson PD, Mattson RH, Spencer SS, Spencer DD. Depth electroencephalography. *Am J EEG Tech* 23 #1 March, 1983.

Richard H. Mattson, M.D.

Augustine EA, Novelly RA, Mattson RH, Glaser GH, Williamson PD, Spencer DD, Spencer SS. Occupational adjustment following neurosurgical treatment of epilepsy. *Ann Neurol* 15:68-72, 1984.

Chatot CL, Klein NW, Clapper ML, Resor SR, Singer WD, Russman BS, Holmes GL, Mattson RH, Cramer JA. Human serum teratogenicity studied by rat embryo culture: Epilepsy, anticonvulsant drugs and nutrition. *Epilepsia* 25:205-216, 1984.

Mattson RH, Cramer JA, Caldwell BV, Siconolfi BC. Treatment of seizures with medroxyprogesterone acetate: A preliminary report. *Neurology* 34:1255-1258, 1984.

Mattson RH, Cramer JA, Siconolfi BC, Caldwell BV. Medroxy progesterone therapy for catamenial epilepsy. In: Advances in Epileptology: 15th Epilepsy International Symposium, ed., RJ Porter, Raven Press, New York, 279-282, 1984.

Novelly RA, Augustine EA, Mattson RH, Glaser GH, Williamson PD, Spencer DD, Spencer SS. Selective memory improvement and impairment in temporal lobectomy for epilepsy. *Ann Neurol* 15:64-67, 1984.

Sostman HD, Spencer DD, Gore JC, Spencer SS, Holcumb W, Williamson PD, Prichard JW, Camputaro C, Greenspan RH, Mattson RH. Preliminary observations on magnetic resonance imaging in refractory epilepsy. *Magn Reson Imaging* 2:301-306, 1984.

Spencer DD, Spencer SS, Mattson RH, Williamson PD. Intracerebral masses in patients with intractable partial epilepsy. *Neurology* 34:432-436, 1984.

Spencer DD, Spencer SS, Mattson RH, Williamson PD, Novelly RA. Access to the posterior medial temporal lobe structures in the surgical treatment of temporal lobe epilepsy. *Neurosurgery* 15:667-671, 1984.

Spencer SS, Spencer DD, Mattson RH, Williamson PD. More intense focal seizure types after callosal section. The role of inhibition. *Ann Neurol* 16:686-693, 1984.

Goodman RN, Williamson PD, Reeves AC, Spencer SS, Spencer DD, Mattson RH, Roberts DW. Interhemispheric commissurotomy for congenital hemiplegics with intractable epilepsy. *Neurology* 35:1351-1354, 1985.

Mattson RH, Cramer JA. Epilepsy, sex hormones and antiepileptic drugs. *Epilepsia* 26(Suppl 1):S40-S51, 1985.

Mattson RH, Cramer JA, Collins JF, the VA Epilepsy Cooperative Study Group. Comparison of carbamazepine, phenobarbital, phenytoin, and primidone in partial and secondarily generalized tonic-clonic seizures. *N Eng J Med* 313:145-151, 1985.

Spencer SS, Spencer DD, Williamson PD, Mattson RH. The effects of corpus callosum section on secondary bilaterally synchronous interictal electroencephalographic discharge. *Neurology* 35:1689-1694, 1985.

Spencer SS, Williamson PD, Bridgers SL, Mattson RH, Cicchetti DV, Spencer DD. Reliability and accuracy of localization by scalp ictal EEG. *Neurology* 35:1567-1575, 1985.

Williamson PD, Mattson RH, Spencer SS, Spencer DD. Complex partial status epilepticus: A depth electrode study. *Ann Neurol* 18: 647-654, 1985.

- Williamson PD, Spencer DD, Spencer SS, Novelly RA, Mattson RH. Complex partial seizures of frontal lobe origin. *Ann Neurol* 18:497-504, 1985.
- Williamson PD, Spencer DD, Spencer SS, Novelly RA, Mattson RH. Episodic aphemia and epileptic focus in non-dominant hemisphere: Relieved by section of corpus callosum. *Neurology* 35:1069-1071, 1985.
- Cramer JA, Mattson RH, Bennett DM, Swick CT. Variable free and total valproic concentrations in sole and multi-drug therapy. *Ther Drug Monit* 8:411-415, 1986.
- Delaney RC, Prevey ML, Mattson RH. Short-term retention with lateralized temporal lobe epilepsy. *Cortex* 22:591-600, 1986.
- Eskenazi B, Cain WS, Novelly RA, Mattson RH. Odor perception in temporal lobe epilepsy patients with and without temporal lobectomy. *Neuropsychologia* 24:553-562, 1986.
- Mattson RH. Intensive neurodiagnostic monitoring: Strategy for optimal use. In: Intensive Neurodiagnostic Monitoring, ed., R Gumnit, Raven Press, New York, 281-290, 1986.
- Mattson RH, Cramer JA, Collins JF, the VA Epilepsy Cooperative Study Group. Early tolerance to antiepileptic drug side-effects: A controlled trial of 247 patients. In: Tolerance to Beneficial and/or Adverse Effects of Antiepileptic Drugs, eds., HH Frey, et al., Raven Press, New York, 149-156, 1986.
- Mattson RH, Cramer JA, Darney PD, Naftolin F. Use of oral contraceptives by women with epilepsy. *J Amer Med Assoc* 256:238-240, 1986.
- Novelly RA, Schwartz MM, Mattson RH, Cramer JA. Behavioral toxicity associated with antiepileptic drugs: Concepts and methods of assessment. *Epilepsia* 24:331-340, 1986.
- Smith DB, Craft BR, Collins JF, Mattson RH, Cramer JA, the VA Cooperative Study Group 118. Behavioral characteristics of epilepsy patients compared with normal controls. *Epilepsia* 27:760-768, 1986.
- Browne TR, Mattson RH, Penry JK, et al. Vigabatrin for refractory complex partial seizures: Multicenter single-blind study with long-term follow up. *Neurology* 37:184-189, 1987.
- Cramer JA, Collins JF, Mattson RH. Can categorization of patient background problems be used to determine early termination in a clinical trial? *Controlled Clin Trials* 9:47-63, 1987.
- Homan RW, Miller B, the VA Epilepsy Cooperative Study Group (Mattson RH). Causes of treatment failure with antiepileptic drugs vary over time. *Neurology* 37:1620-1623, 1987.
- Smith DB, Mattson RH, Cramer JA, Collins JF, Novelly RA, Craft B, the VA Cooperative Study Group 224. Results of a nationwide Veterans Administration cooperative study comparing the efficacy and toxicity of carbamazepine, phenobarbital, phenytoin, and primidone. *Epilepsia* 28:S50-S58, 1987.
- Spencer SS, Williamson PD, Spencer DD and Mattson RH. Human hippocampal seizure spread studied by depth and subdural recording: The hippocampal commissure. *Epilepsia* 28:479-489, 1987.
- Mattson RH, Cramer JA. Crossover from polytherapy to valproate monotherapy in primary generalized epilepsy.

Am J Med 84(Suppl IA):S23-S28, 1988.

Mattson RH, Cramer JA, Collins JF, the VA Epilepsy Cooperative Study Group. Aspects of compliance in epilepsy: Taking drugs and keeping clinic appointments. In: Compliance in Epilepsy (Epilepsy Research, Suppl 1), eds., I Leppik, D Schmidt, Elsevier, 111-117, 1988.

Prevey ML, Delaney RC, Mattson RH. Gist recall in temporal lobe seizure patients. *Cortex* 24:301-312, 1988.

Prevey ML, Delaney RC, Mattson RH. Metamemory in temporal lobe epilepsy. Self monitoring of memory functions. *Brain Cogn* 7:298-311, 1988.

Sass KJ, Spencer DD, Spencer SS, Novelly RA, Williamson PD, Mattson RH. Corpus callosotomy for epilepsy II: Neurological and neuropsychological outcome. *Neurology* 38:24-28, 1988.

Spencer SS, Spencer DD, Williamson PD, Sass KJ, Novelly RA, Mattson RH. Corpus callosotomy for epilepsy I: Seizure effects. *Neurology* 38:19-24, 1988.

Bronen R, Cheung G, Charles J, Spencer DD, Spencer SS, Baca S, Williamson PD, Mattson RH. Pathology study of mesial temporal sclerosis: Comparison of scalp, EEG, MR, CT, angiography. American Society of Neuroradiology, Orlando, March 19-24, 1989.

Browne TR, Mattson RH, Penry JK, et al. A multicenter study of vigabatrin for refractory complex partial seizures in the United States. *Brit J Clin Pharmacol* 27(Suppl 1):955-1005, 1989.

Cramer JA, Mattson RH, Prevey ML, Scheyer RD, Ouellette VL. How often is medication taken as prescribed? A novel assessment technique. *J Amer Med Assoc* 261:3273-3277, 1989.

Delaney RC, Prevey ML, Mattson RH. Memory scanning and material-specificity with lateralized temporal lobe epilepsy. *J Clin Exp Neuropsychol* 11:48-49, 1989.

The Group for the Evaluation of Cinromide in the Lennox-Gastaut Syndrome (Mattson RH). Double-blind, placebo-controlled evaluation of cinromide in patients with the Lennox-Gastaut syndrome. *Epilepsia* 30(Suppl 4):422-429, 1989.

Mattson RH, Cramer JA, McCutchen CB, the VA Epilepsy Cooperative Study Group. Barbiturate related connective tissue disorders. *Arch Intern Med* 149:911-914, 1989.

Mattson RH, Cramer JA, Scheyer RD, Hochholzer JM. Disinduction of valproate metabolism: Timing and magnitude of change. *Proc Roy Soc Med Symposium Series* 152:138-142, 1989.

Mattson RH, Prevey ML, Cramer JA, Novelly RA, Swick CT. Lifestyle changes in epilepsy patients following treatment with valproate. *Proc Roy Soc Med Symposium Series* 152:275-280, 1989.

Mikati MA, Browne TR, Collins JF, the VA Epilepsy Cooperative Study Group (Mattson RH). Time course of carbamazepine autoinduction. *Neurology* 39:592-594, 1989.

Prevey ML, Mattson RH, Cramer JA. Improvement in cognitive functioning and mood state after conversion to valproate monotherapy. *Neurology* 39:1640-1641, 1989.

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Warrenburg S, Levine J, Schwartz GE, Fontana AF, Kerns RD, Delaney R, Mattson RH. Defensive coping and blood pressure reactivity in medical patients. *J Behav Med* 12:407-424, 1989.

Cramer JA, Scheyer RD, Mattson RH. Compliance declines between clinic visits. *Arch Intern Med* 150:1509-1510, 1990.

Mattson RH. Selection of drugs for the treatment of epilepsy. *Semin Neurol* 10:406-412, 1990.

Mattson RH, Fay ML, Sturman JK, Cramer JA, Wallace JD, Mattson EM. The effect of various patterns of alcohol use on seizures in patients with epilepsy. In: Alcohol and Seizures: Basic mechanisms and clinical concepts, eds., RJ Porter, RH Mattson, JA Cramer, I Diamond, FA Davis, Philadelphia, 233-240, 1990.

Nuwer MR, Browne TR, Dodson WE, Dreifuss FE, Engel J, Leppik IE, Mattson RH, Penry J, Treiman DW, Wilder BJ. Generic substitutions for antiepileptic drugs. *Neurology* 40:1647-1651, 1990.

Scheyer RD, Cramer JA, Toftness BR, Hochholzer JM, Mattson RH. In vivo determination of valproate binding constants during sole and multi-drug therapy. *Ther Drug Monit* 12:117-123, 1990.

Spencer SS, Spencer DD, Williamson PD, Mattson RH. Combined depth and subdural electrode investigation in uncontrolled epilepsy. *Neurology* 40:74-79, 1990.

Boon PA, Williamson PD, Fried I, Spencer DD, Novelly RA, Spencer SS, Mattson RH. Intracranial, intraaxial, space-occupying lesions in patients with intractable partial seizures: An anatomoclinical, neuropsychological, and surgical correlation. *Epilepsia* 32:467-476, 1991.

Browne TR, Mattson RH, Penry JK, Smith DB, Treiman DM, Wilder BJ, Ben-Menachen E, McBride RG, Sherry KM. Multicenter long-term safety and efficacy study of vigabatrin for refractory complex partial seizures: An update. *Neurology* 41:363-364, 1991.

Hirsch LJ, Spencer SS, Spencer DD, Williamson PD, Mattson RH. Temporal lobectomy in patients with bitemporal epilepsy defined by depth electroencephalography. *Ann Neurol* 30:347-356, 1991.

Hirsch LJ, Spencer SS, Williamson PD, Spencer DD, Mattson RH. Comparison of bitemporal and unitemporal epilepsy defined by depth electroencephalography. *Ann Neurol* 30:340-346, 1991.

Mattson RH. Emotional effects on seizure occurrence. In: Neurobehavioral Problems in Epilepsy, eds., D Smith, D Treiman, M Trimble, Raven Press, New York, 55:453-460, 1991.

Prevey ML, Delaney RC, De l'Aune W, Mattson RH. A method of assessing the efficacy of memory rehabilitation techniques using a "real world" memory task: Learning a computer language. *J Rehab Res Development* 4:28, 50-63, 1991.

Prevey ML, Delaney RC, Mattson RH, Tice DM. Feeling of knowing in temporal lobe epilepsy: Monitoring knowledge inaccessible to conscious recall. *Cortex* 27:81-92, 1991.

Spencer SS, Elequera ED, Williamson PD, Spencer DD, Mattson RH. Evolution of seizure characteristics after callosotomy. *J Epilepsy* 4:149-156, 1991.

Delaney RC, Prevey ML, Cramer JA, Mattson RH, the VA Epilepsy Cooperative Study Group 264. Test-retest comparability and control subject data for the Rey-Auditory Verbal Learning Test and Rey-Osterrieth/Taylor Complex Figures. *Arch Clin Neuropsychol* 7:523-528, 1992.

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