

Michael H. Kohrman, MD

Michael Kohrman MS. MD.
Director of Neurology
Akron Children's Hospital
215 E. Bowery St.
Akron Ohio 44308

ACADEMIC APPOINTMENTS

- 1986-1987 Assistant in the College of Medicine University of Illinois, Chicago II.
- 1987-1998 Adjunct Clinical Professor of Electroencephalography, Niagara County Community College, Sanborn, NY
- 1987-1998 Director of Sleep Laboratory, Children's Hospital of Buffalo, Buffalo, NY
- 1987-1998 Director of Clinical Neurophysiology Laboratory, Children's Hospital of Buffalo, Buffalo, NY
- 1987-1994 Assistant Professor Departments of Neurology and Pediatrics, State University of New York at Buffalo, Buffalo, NY
- 1989-1992 Director of Apnea Evaluation Unit, Children's Hospital of Buffalo, Buffalo, NY
- 1992-1996 Medical Director of Sleep Testing Associates Buffalo New York.
- 1994-1996 Clinical Associate Professor of Neurology and Pediatrics, State University of New York at Buffalo, Buffalo, NY
- 1994-1998 Director of Intra-Operative Monitoring, Buffalo General Hospital, Buffalo, NY
- 1994-1998 Head of Clinical Neurophysiology Program, Department of Neurology, State University of New York at Buffalo, Buffalo, NY
- 1995-1998 Director of Fellowship Program in Clinical Neurophysiology, Department of Neurology, State University of New York at Buffalo, Buffalo, NY
- 1996-1998 Associate Professor of Clinical Neurology, State University of New York at Buffalo, Buffalo, NY
- 1998-1999 Associate Professor of Pediatrics, University of Florida College of Medicine, Gainesville, FL
- 1999-2010 Associate Professor of Pediatrics and Neurology, The University of Chicago

2000-2016 Director Pediatric Clinical Neurophysiology, The University of Chicago Children's Hospital

2004-2016 Director, Tuberous Sclerosis Clinic, The University of Chicago

2005-2016 Medical Director, Epilepsy Unit, Hinsdale Hospital, Hinsdale, IL

2006-2016 Director, Pediatric Epilepsy Program, The University of Chicago

2010-2016 Professor of Pediatrics and Neurology, The University of Chicago

2011-2016 Professor of Pediatrics, Neurology and Surgery, The University of Chicago

2014-2016 Director Pediatric Epilepsy Fellowship Program

2016- Director of Pediatric Neurology Akron Children's Hospital

2016- Professor of Pediatrics Northeastern Ohio Medical University

Ph.D.-Granting Committee, Program, Institute, and Center Appointments

None

ACADEMIC TRAINING

1973-1977 B.S., Chemistry with Honors, Stanford University, Stanford, CA

1976-1977 M.S., Chemistry, Stanford University, Stanford, CA; Combined B.S.-M.S. Program in Chemistry. Thesis: Gas Chromatography of Marine Sterols

1977-1981 M.D., Rush Medical College, Chicago, IL

1981-1982 Internship, Pediatrics, The University of Chicago Hospitals and Clinics

1982-1983 Residency, Pediatrics, The University of Chicago Hospitals and Clinics

1983-1986 Fellowship, Pediatric Neurology, The University of Chicago Hospitals and Clinics

1986-1987 Electroencephalography Fellowship, Department of Neurology, University of Illinois, Chicago IL.

BOARD CERTIFICATION AND LICENSURE

1982 National Board of Medical Examiners

1987 American Board of Psychiatry and Neurology
Neurology with Special Competency in Child Neurology

1987	American Board of Pediatrics
1988	American Board of Clinical Neurophysiology
1991	American Board of Sleep Medicine
1992-2002	American Board of Psychiatry and Neurology Neurology with Special Competency in Child Neurology With added Qualification in Clinical Neurophysiology
2003-2013	American Board of Psychiatry and Neurology, Recertification Subspecialty of Clinical Neurophysiology
2008-2018	American Board of Psychiatry and Neurology, Subspecialty of Sleep Medicine
2013-2023	American Board of Psychiatry and Neurology, Recertification Subspecialty of Clinical Neurophysiology
2014-2024	American Board of Psychiatry and Neurology, Subspecialty of Epilepsy

SCHOLARSHIP

(a) Peer-reviewed publications in the primary literature, exclusive of abstracts:

1. **Michael H. Kohrman**, Daniel Picchietti, Robert Wollman, and Ewa E. Chelmika-Schorr. 1986. A Variant of Fukuyama Congenital Dystrophy in a Non-Japanese Child. *Pediatric Neurology* 2:290.
2. **Michael H. Kohrman** and Peter Huttenlocher. 1986. Takayasu Arteritis: A Treatable Cause of Stroke in Infancy. *Pediatric Neurology* 2:154.
3. John R. Hughes and **Michael H. Kohrman**. 1989. Topographic Mapping of the EEG in Premature Infants and Neonates. *Clinical EEG* 20:228.
4. **Michael H. Kohrman**, Colin Sugioka, Peter Huttenlocher, and Jean- Paul Spire. 1989. Inter versus Intra Subject Comparisons using Topographic Mapping of the Electroencephalogram. *Clinical EEG* 20:248.
5. Howard Faden, G. William Gary, and **Michael Korman**. 1990. Numbness and Tingling of Fingers Associated with Parvovirus B19 Infection. *J Infectious Diseases* 161:354-555.
6. **Michael H. Kohrman**, Mary S. Hayes, Susan L. Kerr, Thomas J. Langan, and Michael E. Cohen. 1990. Phenobarbital for Febrile Seizures. *New Eng J Med* 323:484.

7. Susan L. Kerr, David W. Shucard, **Michael H. Kohrman**, and Michael E. Cohen. 1990. Sequential Use of Standard and Ambulatory EEG in Neonatal Seizures. *Pediatric Neurology* 6:159-162.
8. **Michael H. Kohrman** and Betty Spivack. 1990. Brain Death in Infants and Children: Sensitivity and Specificity of Current Criteria. *Pediatric Neurology* 6 47-50.
9. **Michael H. Kohrman**. 1993. Brain Death in Infants. *Seminars in Neurology* 13:116-122.
10. Susan L. Kerr and **Michael H. Kohrman**. 1994. Polysomnogram in Duchenne muscular dystrophy. *Journal of Child Neurology* 9:332-334.
11. Provisional Committee on Quality Improvement, Subcommittee on Febrile Seizures. 1996. Practice Parameter: The Neurodiagnostic Evaluation of a Child with A First Simple Febrile Seizure. *Pediatrics* 97:767-771.
12. **Michael Kohrman** and James R. Cooley. 1996. Clinical Algorithm for Practice Parameter: The Neurodiagnostic Evaluation of a Child with a First Simple Febrile Seizure. *Pediatrics* 97:772.
13. Committee on Quality Improvement, Subcommittee on Febrile Seizures. 1999. Practice Parameter: Long- term Treatment of the Child with Simple Febrile Seizures. *Pediatrics* 103:1307-1309.
14. **Michael H. Kohrman** and Paul R.Carney. 2000. Sleep related disorders in neurologic disease during childhood. *Pediatric Neurology* 23:107-113.
15. Meoli AL, Rosen CL, Kristo D, **Kohrman M**, Gooneratne N, Aguillard RN, Fayle R, Troell R. 2003. Clinical Practice Review Committee, American Academy of Sleep Medicine. Nonprescription treatments of snoring or obstructive sleep apnea: an evaluation of products with limited scientific evidence. *Sleep* 26(5):619-24.
16. Wim van Drongelen PhD, Sujatha Nayak BS, David M. Frim MD,PhD. **Michael H. Kohrman MD**, Vernon L. Towle PhD, Hyong C. Lee PhD, Arnetta B. McGee REEGT, Maria S. Chico MS, and Kurt E. Hecox MD PhD. 2003. Seizure anticipation in pediatric epilepsy: use of Kolmogorov entropy. *Pediatric Neurology* 29:207-213.
17. Meoli AL, Rosen CL, Kristo D, **Kohrman M**, Gooneratne N, Aguillard RN, Fayle R, Troell R, Kramer R, Casey KR, Coleman J Jr. 2003. Clinical Practice Review Committee; American Academy of Sleep Medicine. Upper airway management of the adult patient with obstructive sleep apnea in the perioperative period--avoiding complications. *Sleep* 26(8):1060-5.
18. Su S, Barrody FM, **Kohrman MH**, Suskind D. 2004. A comparison of polysomnography and a portable home sleep study in the diagnosis of obstructive sleep apnea syndrome. *Otolaryngol Head Neck Surg* Dec;131(6):844-50.

19. Meoli AI; Rosen CL; Kristo D; **Kohrman MH**; Gooneratne N; Aguillard RN; Fayle R; Troell R; Townsend D; Claman D; Hoban T; Mahowald M. 2005. Oral Nonprescription Treatment for Insomnia: An Evaluation of Products with Limited Evidence. J Clin Sleep Med 1(2):173-187.
20. Michael E. Luc, BS, Anu Gupta, BS, Jonathan M. Birnberg, BS, Darian Reddick, BS, and **Michael H. Kohrman, MD**. 2006. Characterization of Symptoms of Sleep Disorders in Children with Headache. Pediatric Neurology 34:7-12.
21. Musleh W, Yassari R, Hecox K, **Kohrman M**, Chico M, Frim D. 2006. Low incidence of subdural grid-related complications in prolonged pediatric EEG monitoring. Pediatr Neurosurg 42(5):284-7.
22. Frim DM, Hecox K, Kohrman M, Marcucilli C, Turner M.
[Is Multifocal Seizure Resection in Children Reasonable? 863.](#)
Neurosurgery. 2006 Aug 1;59(2):475. doi:
10.1227/01.NEU.0000309913.43670.60.
23. Sozari A. Chkhenkeli, Vernon L. Towle, George S. Lortkipandze, Jean-Paul Spire, Eteri Sh. Bregvadze, John Hunter, **Michael Kohrman**, David M. Frim. 2007. Mutually suppressive interrelations of symmetric epileptic foci in bitemporal epilepsy and their inhibitory stimulation. Clin Neuro Neurosurg Jan;109(1):7-22.
- 24 Yuan Lai, Wim van Drongelen, Kurt Hecox, David Frim, **Michael Kohrman**, Bin He. 2007. Cortical Activation Mapping of Epileptiform Activity Derived from Interictal ECoG Spikes Epilepsia 48(2):305–314.
25. Vernon L. Towle; John D. Hunter; J Christopher Edgar; Sozari A. Chkhenkeli; Michael C. Castelle; David M. Frim; **Michael Kohrman**; Kurt E. Hecox. 2007. Frequency Domain Analysis of Human Subdural Recordings. Journal of Clinical Neurophysiology April;24(2):205-213.
26. Hyong C. Lee; Wim van Drongelen; Arnetta B. McGee; David M. Frim; **Michael H. Kohrman**. 2007. Comparison of Seizure Detection Algorithms in Continuously Monitored Pediatric Patients. Journal of Clinical Neurophysiology April;24(2):137-146.
27. Lei Ding; Christopher Wilke; Bobby Xu; Xiaoliang Xu; Wim van Drongelen; **Michael Kohrman**; Bin He. 2007. EEG Source Imaging: Correlating Source Locations and Extents with Electrographic and Surgical Resections in Epilepsy Patients. Journal of Clinical Neurophysiology April;24(2):130-136.
28. **Michael H. Kohrman**. 2007. What is Epilepsy? Clinical Perspectives in the Diagnosis and Treatment. Journal of Clinical Neurophysiology April;24(2):87-95.

29. Zhang Y, van Drongelen W, **Kohrman M**, He B. 2008. Three-dimensional brain current source reconstruction from intra-cranial ECoG recordings. *Neuro image* 42(2):683-95.
30. Towle VL, Yoon HA, Castelle M, Edgar JC, Biassou NM, Frim DM, Spire JP, **Kohrman MH**. 2008. ECoG gamma activity during a language task: differentiating expressive and receptive speech areas. *Brain Aug;131 (Pt 8):2013-27*.
31. Wilke C, van Drongelen W, **Kohrman M**, He B. 2009. Identification of the epileptogenic zone from Causal analysis of ECoG interictal spike activity. *Clinical Neurophysiology* 120:1449–1456. (Editorial: Lei Ding, Dynamic connectivity mapping on ECoG: A new computed signature in defining the epileptic zone. *Clinical Neurophysiology* 120:1419–1421.)
32. Jesus Eric Pin a-Garza, Douglas R. Nordli Jr, Dietz Rating, Haichen Yang, Jimmy Schiemann-Delgado, and Benjamin Duncan; on behalf of the Levetiracetam N01009 Study Group. 2009. Adjunctive levetiracetam in infants and young children with refractory partial-onset seizures. *Epilepsia*, 50(5):1141–1149 (**M Kohrman** member of the study group).
33. Ossadtchiy, R.E. Greenblattz V.L. Towle, **M.H. Kohrman**, K.Kamada. 2010. Inferring Spatiotemporal Network Patterns from Intracranial EEG Data. *Clin Neurophysiol* June;121(6):823-35.
34. T Gazit, I Doron, O Sagher, **M H Kohrman**, V L Towle, M Teicher, E Ben-Jacob. 2010. Time – Frequency characterization of electrocorticographic recordings of epileptic patients using frequency entropy similarity: a comparison to other bi-variate measures. *Journal of Neuroscience Methods* Oct;194(2):358-73.
35. Wilke C, van Drongelen W, **Kohrman M**, He B. 2010. Neocortical seizure foci localization by means of a directed transfer function method. *Epilepsia* 4:564-572.
36. Brian B. Theyel, **Michael H. Kohrman**, David M. Frim Wim van Drongelen. 2010. Network variability across human tissue samples in vitro: the problem and a solution. *J. Clinical Neurophysiology* 6:412-417.
37. Marc Benayouna, **Michael Kohrman**, Wim van Drongelen. 2010. EEG, avalanches, and temporal correlations. *J. Clinical Neurophysiology* 6:458-464.
38. Amber Martell, Jennifer Dwyer, Henner Koch, Sebastian Zanella, **Michael Kohrman**, David Frim, Jan-Marino Ramirez , Wim van Drongelen. 2010. NMDA-induced Oscillatory Properties in Neocortical Pyramidal Neurons for Patients with Epilepsy. *J. Clinical Neurophysiology* 6:398-405.
39. Charles J. Marcuccili, Andrew K. Tryba, Wim van Drongelen, Henner Koch, Jean Charles Viemari, Fernando Pena, Erin L Doren, Peter Pytel, Marc Chavalier, Ana Mrejeru, **Michael H. Kohrman**, Robert Lasky, Sean M Lew, David M Frim, and

Jan-Marino Rameriez. 2010. Neuronal Bursting Properties in Focal and Parafocal Regions in Pediatric Neocortical Epilepsy Stratified by Histology. *J. Clinical Neurophysiology* 6:387-397.

40. Daniel Margoliash, Wim Van Drongelen, **Michael Kohrman**. 2010. Introducing songbirds as a model system for epilepsy research. *J. Clinical Neurophysiology* 6:433-437.
41. Lai Yuan, PhD; Xin Zhang, PhD; Wim van Drongelen, PhD; **Michael Kohrman**, MD; Kurt Hecox, MD; Ying Ni, MS. Jan 2011. Noninvasive Cortical Imaging of Epileptiform Activities from Interictal Spikes in Pediatric Patients. *Neuroimage* Jan;54 (1):244–252.
42. Ng YT, Conry JA, Drummond R, Stolle J, Weinberg MA. 2011. OV-1012 Study Investigators. Randomized, phase III study results of clobazam in Lennox-Gastaut syndrome. *Neurology* Oct 11;77(15):1473-81. (**M Kohrman** member of the study group).
43. Andres Morales Cohn, Susan; Chuck Rubin; **Kohrman, Michael**; Pytel, Peter. 2012. Opsoclonus-Myoclonus and Anti-Hu Positive Limbic Encephalitis in a Patient with Neuroblastoma. *Pediatr Blood Cancer* DOI 10. 1002.
44. Rana P, Lipor J, Lee H, van Drongelen W, **Kohrman MH**, Van Veen B. 2012. Seizure detection using the phase-slope index and multichannel ECoG. *IEEE Trans Biomed Eng* April;59(4):1125-34.
45. Sun P, Krueger D, Liu J, Guo A, Rogerio J, **Kohrman M**. 2012. Surgical resection of subependymal giant cell astrocytomas (SEGAs) and changes in SEGA-related conditions: a US national claims database study. *Curr Med Res Opin* April;28(4):651-6.
46. Sun P, **Kohrman M**, Liu J, Guo A, Rogerio J, Krueger D. 2012. Outcomes of resecting subependymal giant cell astrocytoma (SEGA) among patients with SEGA-related tuberous sclerosis complex: a national claims database analysis. *Curr Med Res Opin* April;28(4): 657-63.
47. **Kohrman MH**. 2012. Emerging treatments in the management of tuberous sclerosis complex. *Pediatr Neurol* May;46(5):267-75.
48. Tao Yu. Guojun Zhang , **Michael H. Kohrman**, Yuping Wangc Lixin Cai, Wei Shu, Yuanyuan Piao, Yongjie Li. 2012. A retrospective study comparing preoperative evaluations and outcomes in pediatric and adult patients undergoing surgical resection for refractory epilepsy. *Seizure* 2: 444-449.
49. Amber L. Martell, Jan-Marino Ramirez, Robert E. Lasky, Jennifer E. Dwyer, **Michael Kohrman**, Wim van Drongelen. 2012. The role of voltage dependence of NMDA receptor in cellular and network oscillation. *European Journal of Neuroscience*, Vol. 36, pp. 2121–2136.

50. David Neal Franz, Elena Belousova, Steven Sparagana , E Martina Bebin, Michael Frost, Rachel Kuperman, Olaf Witt, **Michael H Kohrman**, J Robert Flamini, Joyce Y Wu, Paolo Curatolo, Petrus J de Vries, Vicky H Whittemore, Elizabeth A Thiele, James P Ford Gaurav Shah, Helene Cauwel, David Lebwohl, Tarek Sahmoud, Sergiusz Jozwiak. 2013. Efficacy and safety of everolimus for subependymal giant cell astrocytomas associated with tuberous sclerosis complex (EXIST-1): a multicentre randomised, placebo-controlled phase 3 trial. *Lancet*. Jan 12;381(9861):125-32.2013
51. **Michael H Kohrman** 2013 *Epilepsy and Sleep Journal of Pediatric Epilepsy* Vol 2:3
52. Kingswood JC¹, Jozwiak S, Belousova ED, Frost MD, Kuperman RA, Bebin EM, Korf BR, Flamini JR, **Kohrman MH**, Sparagana SP, Wu JY, Brechenmacher T, Stein K, Berkowitz N, Bissler JJ, Franz DN. 2014 The effect of everolimus on renal angiomyolipoma in patients with tuberous sclerosis complex being treated for subependymal giant cell astrocytoma: subgroup results from the randomized, placebo-controlled, Phase 3 trial EXIST-1. *Nephrol Dial Transplant*. 2014 Apr 11. [Epub
53. D Albert, D Sieciechowicz, **M Kohrman** 2014 Safety and efficacy of newer anticonvulsant medications in pediatric epilepsy- *Journal of Pediatric Epilepsy*, 2014 15-24
54. David Neal Franz, MD¹, Elena Belousova, MD², Steven Sparagana, MD³, E. Martina Bebin, MD, MPA⁴, Michael Frost, MD⁵, Rachel Kuperman, MD⁶, Olaf Witt, MD⁷, **Michael H. Kohrman, MD⁸**, J. Robert Flamini, MD⁹, Joyce Y. Wu, MD¹⁰, Paolo Curatolo, MD¹¹, Petrus J. de Vries, MBChB, MRCPsych, PhD¹², Elizabeth A. Thiele, MD, PhD¹³, Noah Berkowitz¹⁴, Ozlem Anak¹⁴, Julie Niolat¹⁵, Sergiusz Jozwiak, MD, PhD¹⁶ 2014 Everolimus for subependymal giant cell astrocytoma associated with tuberous sclerosis complex:.2 year data from the EXIST-1 study. *Lancet Oncol*. 2014 Dec;15(13):1513-20
55. D. Brang, V. L. Towle, S. Suzuki, Z. Dai, S. A. Hillyard, **M. H. Kohrman**, J. X. Tao, M. Grabowecy Electrocorticographic (ECoG) recordings demonstrate that peripherally presented sounds activate extrastriate visual cortex
- Journal of Vision 2014; 14(10):1134-1134.
-
56. Sun P, Liu Z, Krueger D, **Kohrman M** Direct medical costs for patients with tuberous sclerosis complex and surgical resection of subependymal giant cell astrocytoma: a US national cohort study. *J Med Econ*.2015 May;18(5):349-56
57. **Michael Kohrman**, Lubov Romantseva, James Tongsgard David Frim Bakhtiar Yamanini Long-Term Outcome of Vagus Nerve Stimulation Therapy in

Young Children with Intractable Epilepsy *Journal of Pediatric Epilepsy*, 2016 5:1-6.

58. Tahra Eissa, Andrew Tryba, Charles Marcuccilli, Faiza Ben-Mabrouk, Elliot Smith, Sean Lew, Robert Goodman, Guy McKhann, II, David Frim, Lorenzo Pesce, **Michael Kohrman**, Ronald Emerson, Catherine Schevon, and Wim Van Drongelen "Multiscale Aspects of Generation of High Gamma Activity during Seizures in Human Neocortex." in *eNeuro*, an open-access journal from the Society for Neuroscience (SfN). *eNeuro* Apr 2016, **DOI:** 10.1523/ENEURO.0141-15.2016

59 Franz DN, Belousova E, Sparagana S, Bebin EM, Frost MD, Kuperman R, Witt O, Kohrman MH, Flamini JR, Wu JY, Curatolo P, de Vries PJ, Berkowitz N, Niolat J, Jóźwiak S Long-Term Use of Everolimus in Patients with Tuberous Sclerosis Complex: Final Results from the EXIST-1 Study. *PLoS One*. 2016 Jun 28;11(6):e0158476

60. Ashley Ralston, Patti Ogden, **Michael H Kohrman**, David M Frim. In situ repair of vagus nerve stimulator lead damage: technical note *Journal of Neurosurgery Pediatrics* 09/2016; DOI:10.3171/2016.6.PEDS169

61. Swallow E, King S, Song J, Peeples M, Signorovitch JE, Liu Z, Prestifilippo J, Frost M, **Kohrman M**, Korf B, Krueger D, Sparagana S. Patterns of Disease Monitoring and Treatment Among Patients With Tuberous Sclerosis Complex-related Angiomyolipomas. *Urology*. 2017 Jun;104:110-114

62. Franz DN, Lawson JA, Yapici Z, Brandt C, **Kohrman MH**, Wong M, Milh M, Wiemer-Kruel A, Voi M, Coello N, Cheung W, Grosch K, French JA. Everolimus dosing recommendations for tuberous sclerosis complex-associated refractory seizures. *Epilepsia*. 2018 Jun;59(6):1188-1197. doi: 10.1111/epi.14085

63. Song J, Swallow E, Said Q, Peeples M, Meiselbach M, Signorovitch J, **Kohrman M**, Korf B, Krueger D, Wong M, Sparagana S. Epilepsy treatment patterns among patients with tuberous sclerosis complex. *J Neurol Sci*. 2018 Aug 15;391:104-108. doi: 10.1016/j.jns.2018.06.011.

64. Gupta A, de Bruyn G, Tousseyn S, Krishnan B, Lagae L, Agarwal N; **TSC Natural History Database Consortium**. Epilepsy and Neurodevelopmental Comorbidities in Tuberous Sclerosis Complex: A Natural History Study. *Pediatr Neurol*. 2020 May;106:10-16. doi: 10.1016/j.pediatrneurol.2019.12.016. Epub 2020 Feb 4. PMID: 32139167

(b) Peer-reviewed works in 'non-traditional' outlets:

None

(c) Peer-reviewed works accepted or in press:

(i) Works in review, in preparation, etc. not yet publically available /list .

(d) Non-peer-reviewed original articles:

None

(e) Books:

As author:

None

As editor:

None

(f) Book chapters:

1. **Michael H. Kohrman.** 1993. Cognitive and Behavioral Effects of Anticonvulsants in Children. Ed: Siegfried Streufert and Francis Gengo. Effects of Drugs on Human Functioning. p114-133. Karger, Basel, CH.
2. **Michael H. Kohrman.** 1998. Sleep Disturbances. Ed: Bernard Maria. Advances in Pediatric Neurology Decker. Hamilton, Ontario.
3. **Michael H. Kohrman.** 1998. Status Epilepticus. Ed: Laurence Finberg. Saunders Manual of Pediatric Practice. W.B. Saunders Company, Philadelphia.
4. **Michael H. Kohrman.** 1998. Seizure Disorders. Ed: Laurence Finberg. Saunders Manual of Pediatric Practice.] W.B. Saunders Company, Philadelphia.
5. **Michael H. Kohrman.** 1999. Pediatric Sleep Disorders. Eds: Kenneth Swaiman and Steven Ashwal. Pediatric Neurology. Mosby, St. Louis.

6. Towle VL, Ahmad F, **Kohrman M**, Hecox K, and Chkhenkeli S. 2001. Electrographic coherence patterns of epileptic seizures. Eds: Milton J. and P. Jung. Epilepsy as a dynamic disease. Springer-Verlag, Berlin.
7. Paul Carney and **Michael H. Kohrman**. 2002. Epilepsy and Sleep in Infants and Children. Eds: Carl W. Bazil, Beth A. Malow, Michele R. Sammaritano, Dan Scott Simmons. Sleep and Epilepsy. Elsevier Health Sciences, Amsterdam.
8. **Michael H. Kohrman**. 2003. Status Epilepticus. Ed: Laurence Finberg. Saunders Manual of Pediatric Practice, 2nd Ed. W.B. Saunders Company, Philadelphia.
9. **Michael H. Kohrman**. 2003. Seizure Disorders. Ed: Laurence Finberg. Saunders Manual of Pediatric Practice, 2nd Ed. W.B. Saunders Company, Philadelphia.
10. **Michael H. Kohrman**. 2003. Neonatal Seizures. Ed: Laurence Finberg. Saunders Manual of Pediatric Practice, 2nd Ed. W.B. Saunders Company, Philadelphia.
11. **Michael H. Kohrman**. 2005. Idiopathic Hypersomnia. Eds: Steven Sheldon, Richard Ferber, Meir Kryger. Principles and Practice of Pediatric Sleep Medicine. Elsevier Saunders, Philadelphia.
12. H. C. Lee, **M. H. Kohrman**, K. E. Hecox, and W. van Drongelen. 2005. Seizure Prediction in Epilepsy. Ed: He, B. Neural Engineering. Kluwer Academic, New York.
13. **Michael H. Kohrman**. Idiopathic Hypersomnia. Eds: Steven Sheldon, Richard Ferber, Meir Kryger. Pp 151-156. Principles and Practice of Pediatric Sleep Medicine. Elsevier Saunders, Philadelphia. 2014
14. John Jacobsen **Michael H. Kohrman** Sleep Disorders Eds: Philip B. Gorelick, Graeme Hankey, Joanna M. Wardlaw Clinical Neurology CRC Press 2014

(g) Other works that are publically available (websites, interviews, publications in the popular press, testimony, computer programs, protocols, reagents, inventions, patents not listed above, etc.):

Public Service Announcement Epilepsy Foundation of Greater Chicago

(h) Clinical trials that are ongoing and unpublished:

Insys 029

3-5-15--01-01-30

Insys Therapeutics

A Phase 1/2 study to assess the pharmacokinetics and safety of multiple doses of pharmaceutical Cannabidiol Oral Solution in pediatric subjects with treatment-resistant seizure disorders

(i) Works as reviewer

1. Jerome V. Murphy and Fereydoun Dehkharghani. 1992. Handbook of Pediatric Epilepsy. Marcel Dekker, Inc., New York, NY. Research Communications in Psychology, Psychiatry and Behavior: 1993:18, NOS. 3&4, 147.
2. Jean Acardi. 1998. Diseases of the Nervous System in Childhood 2nd Edition. Mac Keith Press, London, UK. Pediatric Neurosurgery.
3. Kreiger, Roth and Dememt. 2000. Principles and Practice of Sleep Medicine. Saunders, Pediatric Neurology (2001): 23:4, p368.

FUNDING

(a) Past:

The Falk Medical Research Trust (van Drongelen) 08/01/09 – 07/31/13

Falk Center for Advanced Study and Care of Pediatric Epilepsy \$500,000

Role: Co-Investigator

(b) Current:

The Falk Medical Research Trust (van Drongelen) 08/01/13 – 07/31/14

Falk Center for Advanced Study and Care of Pediatric Epilepsy \$500,000

Epilepsy is one of the major neurological diseases worldwide. The hope for treating and curing epilepsy is to understand the underlying causes of epilepsy in the vast spectrum of patients. As epilepsy is evidently the final outcome for a wide range of pathologies, understanding it will involve tracing cause and effect across multiple levels of biological organization using a variety of approaches. This will require a coordinated effort by a multidisciplinary team of physicians, neuroscientists, engineers and computer scientists who can create a multi-scale research effort that spans from bench to bedside.

Role: Co-Investigator

2008DB06Y6 07/01/08 - 12/31/16

Tuberous Sclerosis Alliance \$23,460

TSC Natural History Database Project

This project collects and compiles data on individuals who have been diagnosed with TSC.

Role: Site PI

(c) Pending:

None

CLINICAL TRIALS

(a) Past

1. Children's Research Foundation, Chicago Illinois. Title: "The Use of Brain Electrical Activity Mapping to Localize Receptive Language in Left and Right Handed Individuals". 1985.
2. Title: "Janssen Pharmaceutical Flunarizine Trial for Alternating Hemiplegia. 1987.
3. Dantec Medical Inc. Title: "Normative data base for the Dantec Concerto". 1989.
4. Burroughs Welcome Co. Title: "A Multicenter, Double-Blind, Placebo-Controlled, Parallel-Design Evaluation of Lamictal for Add-On Treatment of Partial Seizures in Pediatric Patients". 1995.
5. Burroughs Welcome Co. Title: "An Open-Label Study of Lamictal in Pediatric Patients Who Previously Participated in a Lamictal Pediatric Trial". 1996.
6. Glaxo-Wellcome Co. Title: "An Evaluation of Lamotrigine Monotherapy for the Treatment of Newly-diagnosed Absence Seizures in Children and Adolescents". 1996.
7. Glaxo-Wellcome Co. Protocol 105-045. Title: "A Multicenter, Double-Blind, Placebo-Controlled, Parallel Evaluation of Lamictal as Add-on Therapy with Valproic Acid for the Treatment of Generalized Seizures in Pediatric/Young Adult Patients". 1996.
8. Parke-Davis Co. Protocol 945-094. Title: "Gabapentin Pediatric Monotherapy Trial: A Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group Study in Pediatric Patients with Benign Childhood Epilepsy with Central-temporal Spikes (BECTS). 1996.
9. Parke-Davis Co. Protocol 945-095. Title: An extended Open-Label Gabapentin (CL-945) Pediatric Trial Following a Double-Blind (Protocol 945-094) Study in Pediatric Patients with Benign Childhood Epilepsy with Central-temporal Spikes (BECTS). 1996.
10. ViroPharma Incorporated. Title: "A multicenter Double Blind Placebo Controlled Trial of Pleconaril in the Treatment of Enteroviral Meningitis in Children and Adults." 1999.
11. Parke Davis. Protocol 945-305. Title: "Gabapentin Pediatric Add-on Trial: a Randomized Double Blind, 2-Period, Multicenter Study in Patients with Partial Seizures." 1999.
12. GlaxoWellcome. Protocol 30007. Title: "Open-Label, Multicenter, Randomized Trial to Evaluate the Development of Components of Polycystic Ovarian Syndrome (PCOS) in Female Subjects Initiating Lamotrigine or Valporate Either as

Monotherapy for Newly Diagnosed Epilepsy or as Adjunctive Therapy for Inadequately Controlled Epilepsy". 2002-2003.

13. GlaxoWellcome. Protocol 20006. Title: "A Double Blind, Placebo Controlled, Add- On Clinical Trial of the Safety, Pharmacokinetics, and Efficacy of Lamictal in Pediatric Age Subjects (1-24 months)." 2002-2003.
14. UCB Pharma. Protocol UCB N157. Title: "A Multi-Center, Open-Label, Long-Term Follow-up study of the Safety and Efficacy of Levetriacetem in Children with Epilepsy." 2002-2005.
15. UCB Pharma. Protocol UCBN159. Title: "Evaluation of the Efficacy and Tolerability of Levetriacetam Add-on Treatment in Refractory Pediatric Patients with Partial onset Seizures: A 28 Week Double Blind, Placebo Controlled Multicenter Trial." 2002-2005.
16. Shire. Protocol 433.401. Title: "Carbatrol SPECT Study". 2003-2004.
17. Elan Pharmaceuticals. Protocol ELN46046-306. Title: "An Open-Label, Long Term Safety Study of Zonisamide as Adjunctive Therapy in Children with Partial Seizures." 2003-2004.
18. Elan Pharmaceuticals. Protocol ELN46046-305. Title: "Double Blind, Randomized, Multicenter, Parallel-Group Study of the Safety and Efficacy of Zonisamide 5mg/kg/day Versus 12mg/kg/day as Adjunctive Therapy in Children with Partial Seizures." 2003-2004.
19. UCB Pharma. Protocol UCB N011048. Title: "A Multi-Center, Open-Label, Long Term Follow-up Study of the Safety and Efficacy of Levetiracetam in Children with Partial Onset Seizures." 2005-2007.
20. UCB Pharma. Protocol UCB N01009. Title: "A Double-Blind Randomized, Multicenter, Placebo-Controlled, In-patient, Maximum 34 Day Study of Levetiracetam Oral Solution (20-50 mg/kg\day) as Adjunctive Treatment of Refractory Partial Seizures in Pediatric Epileptic Subjects Ranging in age from 1 Month to less than 4 Years of Age." 2005-2007.
21. Cephalon. Protocol 3027. Title: "A Phase 3, Randomized Double Blind, Placebo Controlled, Parallel-Group Study to Assess the Efficacy and Safety of Provigil (Modafinil) Treatment (100,200,400 mg/day) in Children and Adolescents with Excessive Sleepiness Associated with Narcolepsy." 2005-2007.
22. Cephalon. Protocol 3028. Title: "A Phase 3, Randomized Double Blind, Placebo Controlled, Parallel-Group Study to Assess the Efficacy and Safety of Provigil (Modafinil) Treatment (100,200,400 mg/day) in Children and Adolescents With Excessive Sleepiness Associated with Obstructive Sleep Apnea/Hypopnea Syndrome." 2005-2007.

23. Cephalon. Protocol 3029. Title: "A One Year Open-Label, Flexible-Dosage Extension Study to Assess the Safety and Continued Effectiveness of Provigil (Modafinil) Treatment (100,200,400 mg/day) in Children and Adolescents with Excessive Sleepiness Associated with Narcolepsy or Obstructive Sleep Apnea/Hypopnea Syndrome." 2005-2007.
24. GlaxoSmithKline. Protocol LAM 30055. Title: "A Multi-Center, Double-Blind, Randomized Conversion to Monotherapy Comparison of Two Doses of Lamotrigine for the Treatment of Partial Seizures." 2006.
25. Marinus. Protocol 1042-0500. Title: "A Double-Blind, Placebo-Controlled, Dose-Ranging Clinical Study To Evaluate The Safety, Tolerability, And Antiepileptic Activity Of Ganaxolone in Treatment of Patients with Infantile Spasms." 2007-2008.
26. Marinus. Protocol 1042-0501. Title: "An open-label clinical study to evaluate the safety and antiepileptic activity of ganaxolone in treatment of patients diagnosed with infantile spasms." 2007.
27. UCB Pharma. Protocol 1280. Title: "A Multi-Center, Double-Blind, Historical Control, Randomized Conversion to Monotherapy Study With Keppra XR for Treatment of Partial Onset Seizures." 2007-2009.
28. UCB Pharma. Protocol 1281. Title: "An Open-Label, Long-Term Follow-up Study with Keppra XR for Treatment of Partial Onset Seizures." 2007-2009.
29. King Pharmaceuticals. Title: "A Phase 3, Randomized, Double-Blind, Parallel, Placebo-Controlled, Multi-Center Study, with Optional Open-Label Continuation, of the Efficacy and Safety of Vanquix Auto-Injector (Diazepam Injection) for the Management of Selected, Refractory, Patients with Epilepsy who Require Intermittent Medical Intervention to Control Episodes of Acute Repetitive Seizures." 2008-13
30. Schwartz Bioscience. Title: "A Multicenter, Open-Label Extension Trial to Assess the Long-Term Use of Lacosamide (LCM) Monotherapy and Safety of Lacosamide Monotherapy and Adjunctive Therapy in Subjects with Partial-Onset Seizures. 2008.
31. Schwartz Bioscience. Title: "A Historical-Controlled, Multicenter, Double-Blind, Randomized Trial to Assess the Efficacy and Safety of Conversion to Lacosamide (LCM) 400mg/Day Monotherapy in Subjects with Partial-Onset Seizures." 2008-2012.
33. Schwartz Bioscience. Title: "A Multicenter, Open-Label Extension Trial to Assess the Long-Term Use of Lacosamide (LCM) Monotherapy and Safety of Lacosamide Monotherapy and Adjunctive Therapy in Subjects with Partial-Onset Seizures." 2008-2012
34. Clobazam open label trial for drop attacks. 2009.

35. Cyberonics, Inc. E-30 *Heart Rate Changes in Subjects with Epilepsy during an Epilepsy Monitoring Unit Admission* 2010-2012

36. Cyberonics, Inc. E-30S *Heart Rate Changes in Subjects with Epilepsy during an Epilepsy Monitoring Unit Admission* 2011-2012

37. Sepracor 093-045 *Double-Blind, Randomized, Historical Control Study of the Safety and Efficacy of Eslicarbazepine Acetate Monotherapy in Subjects with Epilepsy Not Well Controlled by Current Antiepileptic Drugs* 2010-2012 *Partial*

38. Sepracor 093-050 *Long Term Eslicarbazepine Acetate Extension Study* 07/12/10 - 01/01/30

39. Eisai E2080-G000-303 08/15/11 – 01/01/13

40. Eisai E2080-G000-235 12/06/11 – 01/01/13

41. Eisai E2080-G000-332 02/22/12 – 01/01/13

42. King Pharmaceuticals: Injector 12/01/2008-12/01/2013

43. Novartis Pharmaceuticals CRAD001M-2304 02/27/13 –

A three-arm, randomized, double-blind, placebo-controlled study of the efficacy and safety of two trough-ranges of everolimus as adjunctive therapy in patients with tuberous sclerosis complex (TSC) who have refractory partial-onset seizures

44. Novartis Pharmaceuticals CRAD001M-2301 11/01/09 – 2/28/2015

A randomized, double-blinded, placebo-controlled study of RAD001 in the treatment of patients with Subependymal Giant Cell Astrocytomas (SEGA) associated with Tuberous Sclerosis Complex (TSC)

45. Insys Therapeutics INS011-14-029 03/03/2015- 12/09/2016

A Phase 1/2 study to assess the pharmacokinetics and safety of multiple doses of pharmaceutical Cannabidiol Oral Solution in pediatric subjects with treatment-resistant seizure disorders

46. Insys Therapeutics INS011-14-030 03/03/2015- 6/30/2016

A multicenter, open-label, flexible dose study to assess the long-term safety of pharmaceutical Cannabidiol Oral Solution as an adjunctive treatment for pediatric

and adult subjects with a treatment-resistant seizure disorder who complete INS011-14-029, INS011-14-024, or INS011-14-025

47. Eisai E2080-G000-332

02/22/12 – 01/01/30

Double-blind, Randomized, Placebo-controlled, Multicenter, Parallel-group Study with an Open-label Extension Phase to Evaluate the Efficacy and Safety of Adjunctive Perampanel in Primary Generalized Tonic-Clonic Seizures

48. Eisai E2080-G000-235

12/06/11 – 01/01/30

A Randomized, Double Blind, Placebo-controlled, Parallel Group Study with an Open-label Extension Phase to Evaluate the Effect of Perampanel (E2007) on Cognition, Growth, Safety, Tolerability and Pharmacokinetics When Administered as an Adjunctive Therapy in Adolescents (12 to less than 18 years of age) with Inadequately Controlled Partial-onset Seizures

49. Eisai E2007-G000-238

2017-2019

An Open Label Study with an extension phase to evaluate the pharmacokinetics of Perampanel (E2007) oral suspension when given as an adjunctive therapy in subjects from 1mo to less than 24 mo. of age with Epilepsy.

50. UCB Ep0060

2017-2019

A multicenter, open label study to investigate the safety and tolerability of Intravenous Lacosamide in Children (>1mo to < 17yrs) with Epilepsy

51. UCB SP848

An open-label study to determine safety, tolerability and efficacy of long-term oral lacosamide (LCM) as adjunctive therapy

52. UCB EP0065

A multi center ,open label study to evaluate the pharmacokinetics, safety and tolerability of intravenous Brivaracetam in subjects \geq 1 mo to ,16 years of age with epilepsy

53. UCB N01266

Open-label ,single arm, multicenter ,long-term study to evaluate safety and efficacy of Brivaracetam used as adjunctive treatment in Pediatric Subjects with Epilepsy

54. UCB EP0091

A randomized ,double blind, placebo –controlled, dose finding study to evaluate the efficacy and safety of Padsevonil as adjunctive treatment of Focal-onset seizures in adult subjects with drug-resistant epilepsy phase 2/3

55. UCB EP0093

An open label, multicenter, extension study to evaluate the safety and efficacy of Padsevonil as adjunctive treatment of focal-onset seizures in adult subjects with drug-resistant Epilepsy phase 2/3

56. Insys Therapeutics Inso11-17-103

A phase 2, Open- label, multicenter study to assess the Efficacy, Safety, tolerability, and Pharmacokinetics of Pharmaceutical grade Synthetic Cannabidiol oral solution in pediatric patients with treatment-resistant childhood absence seizures

57. Insys Therapeutics Inso17-113

A multicenter,open-label, flexible dose study to assess the long-term safety of Pharmaceutical grade Synthetic Cannabidiol oral solution in pediatric patients with treatment-resistant childhood absence seizures

58: Insys Therapeutics Inso1-16-082

A phase 3 Randomized, Double-Blind, placebo-controlled, parallel- group study to assess the Efficacy, safety, and tolerability of Cannabidiol oral solution as adjunctive therapy with vigabatrin as initial therapy in patients with infantile spasms.

(b) Current Pending approval

HONORS, PRIZES, AND AWARDS

1976 Dryefus Foundation Research Stipend in Chemistry. Stanford University.

1994 Term Faculty Development Award. New York State/ United University Professions, Joint Labor Management Committee.

INVITED SPEAKING

1988 Brain Resuscitation and Brain Death. National Association of Neonatal Nurses Annual Meeting Chicago Illinois, September.

1988 Topographic Mapping of the Neonatal EEG. National Association of Neonatal Nurses annual Meeting Chicago Illinois, September.

- 1989 Sleep Problems in Pediatrics. Grand Rounds Department of Pediatrics, University of Chicago. September.
- 1992 Annual Meeting of the Charles Henry Electroencephalographic Society, Buffalo New York, April.
- 1993 "Sleep Disorders Medicine," Pediatric Neurology Course American Academy of Neurology Meeting. New York, NY. April.
- 1996 Obstructive Sleep Apnea, Pediatric Sleep Disorders Seminar, Child Neurology Society Meeting. Minneapolis, MN, September.
- 1999 Epilepsy Update, Florida Pediatric Neurology Consensus Conference. Orlando, FL, February.
- 1999 Febrile Seizures, St. Elizabeth's Hospital. Chicago, IL, October.
- 1999 Sleep Disorders in Children, Neurology Grand Rounds, University of Chicago October.
- 2001 ENT Grand Rounds, University of Chicago. Chicago, IL, January 25.
- 2001 Sleep Disorders in Children, Chicago Medical Society Midwest Clinical Conference. Chicago, IL, February 24.
- 2001 Sleep Disorders in Children, Little Company of Mary Hospital. Chicago, IL, March 14.
- 2001 Sleep Disorders in Children, La Rabida Clinical Conference. Chicago, IL, April 6.
- 2001 "2001 An Epilepsy Treatment Odyssey", South Bend Memorial Hospital. South Bend, IN, May 9.
- 2001 Sleep Disorders in Children, ARCS. Chicago IL.
- 2002 Pediatric Sleep Disorders, Focus Conference on Respiratory Therapy. St. Louis, MO, April 27.
- 2004 Pharmacological Management of Insomnia in Children and Adolescents, National Sleep Foundation. Baltimore, MD, November 1-2.
- 2005 "Meet the Expert", Los Angeles Tuberous Sclerosis Alliance. Los Angeles, CA, September 30.
- 2006 "What is Epilepsy? Clinical Perspectives on the Diagnosis and Treatment". CINNR, International Conference, An Overview of Epilepsy Research: What, When, Where and Why ? Chicago, IL, May 19.
- 2006 "TSC 101 a talk for newly diagnosed patients", National Tuberous Sclerosis Alliance Conference. Bloomingdale, IL, July 13.

- 2006 "Epilepsy from the Bedside to the Bench and back to the Bedside", Grand Rounds, University of New Mexico. Albuquerque, NM, November 10.
- 2007 Vagus nerve stimulation: A pediatric perspective. North Shore Pediatric Neurology Dinner, April 24.
- 2007 CVA and Stroke in Children, Alexian Brothers Hospital. Hoffman Estates, IL, October.
- 2007 Epillepsy Bed Side to the Bench and Back, Pediatric Neurology Grand Rounds, University of Washington. Seattle, WA, November.
- 2008 Nocturnal Seizures and Sleep Disturbances, International Dravet Syndrome Epilepsy Action League- Biannual International Conference on Dravet Syndrome. August 6-10.
- 2009 Normal Sleep and Variants, Webinar, American Academy of Sleep Medicine. April 20.
- 2009 Vagus Nerve Stimulator, Training Day: Division of Specialized Care for Children. Chicago, IL, June 3.
- 2009 Epilepsy and Seizures, Training Day: Division of Specialized Care for Children Chicago, IL, June 3.
- 2009 Pediatric Sleep Disorders: A Clinical Perspective, Common Pediatric Problems. Annual Meeting, American Association of Sleep Technologists. Seattle, WA, June 7.
- 2009 Pediatric Epilepsy: A Clinical Perspective, Tiantan Hospital. Beijing, China, July 6.
- 2009 VNS Therapy for Refractory Epilepsy, Xijing Hospital. Xian,China, July 10.
- 2009 Lectures and Patient evaluation, Therapy for Refractory Epilepsy, International Medical Center. Cairo, Egypt, October 20-22.
- 2010 Vagus Nerve stimulator use in Adults and Children, Neurological Association of South Africa 2010 Congress. Bloemfontein, South Africa, March 12.
- 2010 Approach to Patients with Refractory Epilepsy, Neurological Association of South Africa 2010 Congress. Bloemfontein, South Africa, March 12.
- 2010 Approach to Patients with Refractory Epilepsy, Xiangya International Forum. Changsha China, April 16-19.

- 2010 Afinitor Treatment Exhibit, American Epilepsy Society Meeting. Seattle, WA, Dec 3-9.
- 2011 National Teleconference presenter on Afinitor. New York, NY, Feb 1.
- 2011 Achieving Long-Term Success in the Management of Refractory Epilepsy VIII, Congreso Venezolano de Epilepsia. Barquisimeto, Venezuela, March 17.
- 2011 Complementary Studies for evaluation of Epilepsy Frontal Lobe VIII, Congreso Venezolano de Epilepsia. Barquisimeto, Venezuela, March 17.
- 2011 Treatment of Refractory Epilepsy, Neonatal Symposium, Community Health System Symposium. Munster, IN, October 8.
- 2012 Emerging Therapeutic Options for Tuberous Sclerosis Complex, Baylor College of Medicine. Houston TX, May 16.
- 2013 Tuberous Sclerosis in the Mtor era, Grand Rounds SUNY Buffalo Department of Neurology. Buffalo, NY, February 18.
- 2016 Clinical trials in Tuberous Sclerosis Town Hall meeting Tuberous Sclerosis Alliance Elk Grove Village Il Jan 23.
- 2016 Tuberous Sclerosis Complex and Epilepsy Lecture Series at Northwestern Chicago Il March 28th
- 2016 Medical Cannabis for Epilepsy 2016 Annual Meeting of the Central Society of Electroneurodiagnostic Technologists Milwaukee April 1
- 2016 Pathology or disease entities affecting VEP waveforms 2016 Annual Meeting of the Central Society of Electroneurodiagnostic Technologists Milwaukee April 1
- 2016 Neonatal Monitoring Northwestern University
- 2018 Cannabidiol for Epilepsy Empowering Epilepsy: Empowering your Life Conference Cleveland Oh October 27.
- 2019 Sleep and Epilepsy Cleveland Clinic Neurology Grand Rounds Jan 29th
- 2019 Development of an Epilepsy Center Grandrounds Nemours Children's Hospital Orlando Fla.
- 2019 Cannabidiol Update Northeastern Ohio Electrodiagnostic Society June 29.
- 2019 Cannabidiol for Epilepsy Empowering Epilepsy: Empowering your Life Conference Cleveland Oh October 19

2019 School and Epilepsy Empowering Epilepsy: Empowering your Life
Conference Cleveland Oh October 19

INVITED, ELECTED, OR APPOINTED EXTRAMURAL SERVICE

1987-1998 Professional Advisory Board of Epilepsy Society of Western New York

1987-1998 Advisory Board, Neurodiagnostic Technician Training Program, Niagara County
Community College

1989-1992 Advisory Committee, Sudden Infant Death Foundation, Western New York
Chapter

2001-2010 Editorial Board, Pediatric Neurology

2004-2012 Editorial Board, Pediatric Neurosurgery

2008-2016 Member, Professional Advisory Board Epilepsy Foundation Greater
Chicago

2011 Grant Peer Reviewer, Congressionally Directed Medical Research
Programs, 2011 Tuberous Sclerosis Complex Research Program, Peer Review
Meeting, Reston, VA October 19-21

2012- Editor in Chief, Journal of Pediatric Epilepsy

2013 Grant Peer Reviewer, Congressionally Directed Medical Research
Programs, 2013 Tuberous Sclerosis Complex Research Program, September 4,
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2014 Grant Peer Reviewer, Congressionally Directed Medical Research
Programs, 2014 Tuberous Sclerosis Complex Research Program, October 15

2016 Grant Review Epilepsy Ireland

2016 Grant Peer Reviewer, Congressionally Directed Medical Research
Programs, 2016 Tuberous Sclerosis Complex Research Program, September 23

2017 Grant review Tuberous Sclerosis Association (Great Britain) 2018 Research
Award Round

Reviewer for

Pediatric Research

Pediatric Neurology
Pediatric Neurosurgery
Pediatrics
Neuropediatrics
Journal of Clinical Neurophysiology
Sleep
Sleep Medicine
Epilepsy Research
Journal of Clinical Sleep Medicine
Journal of Neurology Neurosurgery and Psychiatry

PROFESSIONAL SOCIETIES

American Academy of Neurology
Child Neurology Society
American Electroencephalographic Society
American Sleep Disorders Association
American Epilepsy Society
Epilepsy Foundation of America
Professional Advisory Board, Tuberous Sclerosis Alliance
Professional Advisory Board, Epilepsy Foundation of Greater Chicago
Professional Advisory Board, American Epilepsy Outreach Foundation
Professional Advisory Board, Epilepsy Warriors

EDUCATION

The College (B.A., B.S.):

2010-12014 Neurobiology of Disease Course (BIOS 24246 / CPNS 34700) Tuberous Sclerosis,

Course Director: Christopher M. Gomez MD PhD.

Graduate programs (Ph.D.):

None

Pritzker School of Medicine (M.D.):

2001-2002 Introduction to Clinical Medicine: lectures and small group sessions.

2001-2012 Mentor and sponsor for medical student summer research program

Graduate medical education (residency and clinical fellowships):

(a) Didactic

1987-1998 Director of Neurophysiology Training for Residents: Curriculum development and implementation. Didactic and laboratory instruction in electroencephalography, evoked potentials and polysomnography. SUNY at Buffalo New York

1987-1998 Medical Director Neurodiagnostic Technician Training Program a joint program of State University of New York at Buffalo School of Medicine and Biomedical Sciences and Niagara County Community College. Responsibilities include curriculum development, didactic and laboratory instruction to technology students.

1994-1998 Developed and obtained ACGME approval for Neurophysiology Fellowship Training Program SUNY at Buffalo New York

2000-2007 Pediatric sleep record review Sleep Fellows University of Chicago

2002-2003 EEG Review Course for EEG Fellows and Residents University of Chicago

2000-2016 Bimonthly Pediatric EEG conference for neurophysiology fellows and housestaff and technical staff. University of Chicago

(b) Clinical

- 1999-2016 Daily rounding including ~1-2 medical student during 10-14 weeks per year on service. University of Chicago
- 1999- 2016 Daily Supervision of Adult Neurology, Child Neurology, and Pediatric Residents in Pediatric Neurology Inpatient 10-14 weeks per year on daily rounds and Outpatient clinic locations, University of Chicago 3 half days per week
- 1999- Daily EEG record review and reading with Pediatric Neurology, adult Neurology and Pediatric Residents, Adult and Pediatric Clinician Neurophysiology Fellows and Sleep fellows 6-12 months per year
- 2000-2008 Supervision of Sleep Fellows in Pediatric Sleep Clinic, twice monthly
University of Chicago
- 2004- Supervision of International faculty visitors for 3-6mo on clinical preceptorships in pediatric epilepsy

Continuing medical education:

- 1991 “Seizures”, Neurology for the Primary Care Provider, University of Rochester School of Medicine and Dentistry, SUNY Health Science Center Syracuse and SUNY Buffalo Joint CME. Rochester, NY, September.
- 1991 “Sleep Disorders”, Neurology for the Primary Care Provider, University of Rochester School of Medicine and Dentistry, SUNY Health Science Center Syracuse and SUNY Buffalo Joint CME. Rochester, NY, September.
- 1996 “Evaluation of Neuro-Degenerative Disorders”, Neurology for the Primary Care Provider, University of Rochester School of Medicine and Dentistry, SUNY Health Science Center Syracuse and SUNY Buffalo Joint CME. Syracuse, NY, May.

2013 " Injury in the developing child: What we all need to know" Neurology of the Developing Child section of Neurosurgery University of Chicago June 28th

Other:

Various Grand Rounds Presentations in Neurology, Pediatrics and Otolaryngology. See Invited Speaking.

1989 Clinical Nurse Specialist Pharmacology course: Anticonvulsant Medication SUNYAB

Research trainees:

(a) High school students and teachers

Darien Rudick 2002 Sleep characteristics of children with epilepsy

(b) Undergraduate (B.A., B.S.)

Darien Rudick 2003 Non-linear analysis of sleep states

(c) Medical (M.D.) Medical Students

Anu Gupta 2003 Sleep symptoms in Children with epilepsy

Jeremy Langford 2004 Computational methods to identify arousals

Larrissa Orloff 2004 Computational methods to identify sleep stages

Jonathan Birnberg 2005 Sleepiness in children on anticonvulsants

Michael Luc2006 Sleep symptoms in migraine

Tim Vanderbilt 2007 Behavioral symptoms in children with sleep issues

Veronica Garza 2008 2011-2013 Micro sleep scoring and quantification of short
epochs

Maureen Wilcox 2009 Effects of anticonvulsants on sleep symptoms

(d) Graduate (Ph.D.)

Computational Neuroscience

Michael Carroll 2005 PhD 2009

Summer internship Kolomogorov entropy in Sleep

MD-PhD students in Computational Neuroscience

Mark Benayoun 2006- 2010 Avalanche theory and epilepsy

Jenifer Dwyer 2006-2010 membrane resonance in epilepsy

Amber Martell 2006-2009- NMDA-induced Oscillatory Properties in Neocortical
Pyramidal Neurons for Patients with Epilepsy

(e) Postdoctoral

Clinical Neurology Fellows

Sunila O'Connor 2001 Vagus nerve stimulation in children with epilepsy Associate
Professor of Pediatrics, Northwestern University

Charles Marcuculli 2002 In vitro Human Nerve cell recordings in Epilepsy Associate
Professor of Pediatrics, Rush University.

Gretechen Von Allmen (Weck) 2004 Associate Professor, University of Texas

Chalongchai Phitsanawong 2015 Assistant Professor of Neurology University of Chicago.

(f) Other

None

CLINICAL

2002-16	Castle Connolly America's Top Doctors
2014,2015	Chicago Magazine Top Doctors
2014, 2015	Vitals Patient's Choice Awards
2015	Vitals on time physician award
2015	Patients Choice award
2015	Vitals companionate doctor award
2016-	Top Doctor Akron life
2017-	Top Doctor Cleveland Magazine
2017-	Top Doctor US News and World Report /Doximity
2017-	Top Doctor Akron
2018-	Top Doctor Cleveland Magazine

Outpatient Service:

1999-2000	3 half-day pediatric neurology clinics per week, Wyler Children's Hospital
1999-	1 half-day Tuberosus Sclerosis clinic per month
1999-	1 half day resident clinic per week
2001–2005	2 half-day pediatric neurology clinics per week, Wyler Children's Hospital

	1 full-day clinic 2x per month in Merrillville, IN
2005-2012	3 half-day pediatric neurology clinics per week, Comer Children's Hospital
2012	1 half-day pediatric neurology clinic per week in Hinsdale, IL
2012	2 half-day pediatric neurology clinics per week, Comer Children's Hospital
2013 -2016	2 half-day pediatric neurology clinics per week, Comer Children's Hospital
	1 full-day clinic 2x per month in Merrillville, IN
	1 half-day Tuberous Sclerosis clinic per month
	1 half day resident clinic per week
2016-present	3 half day clinics per week
	Staff new onset seizure clinic and complex seizure clinic 13 weeks per yr.

EEG Service:

1999- 2005	26 weeks of EEG per year
2005- 2008	52 weeks a year
2008- 2009	39 weeks per year
2009- 2010	26 weeks per year
2010- 2012	52 weeks per year
2012- 2015	26 weeks per year
2015-2016	18 weeks per year
2016-2017	13 weeks per year
2017-	18 weeks per year

Long Term Video EEG service

1999- 2005	26 weeks of EEG per year
2005- 2008	52 weeks a year

2008- 2009	39 weeks per year
2009- 2010	26 weeks per year
2010- 2012	52 weeks per year
2012--2015	26 weeks per year
2015-2016	18 weeks per year
2016-2017	13 weeks per year
2017-	18 weeks per year

Evoked Potentials

1999-2016	52 weeks per year
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Inpatient Service:

1999- 2005	12 weeks per year
2005-2008	14 weeks per year
2008-2016	10 weeks per year
2016- 2017	2 weeks per year 4 weeks call

EMU Service

2015-2016	18 weeks per year
2016-2017	13 weeks per year
2017-	18 weeks per year

SERVICE

State University of New York at Buffalo

Committee membership:

1987-1998	Curriculum Committee, Department of Neurology, SUNYAB
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- 1989-1990 Residency Review Committee, Department of Neurology, SUNYAB
- 1989-1998 Continuing Education Committee, Department of Neurology, SUNYAB
- 1990-1994 Utilization Review Committee, Children's Hospital of Buffalo
- 1990-1998 Morbidity and Mortality Committee, Children's Hospital of Buffalo
- 1993-1996 BASAH Seminar Committee, SUNYAB
- 1995-1998 Member, Institutional Review Board, Children's Hospital of Buffalo

Leadership roles:

- 1987-1998 Medical Director Neurodiagnostic Technician Training Program a joint program of State University of New York at Buffalo School of Medicine and Biomedical Sciences and Niagara County Community College. Responsibilities include curriculum development, didactic and laboratory instruction to technology students.
- 1987-1998 Director of Clinical Neurophysiology Laboratory at Children's Hospital of Buffalo.
- 1990-1998 Medical Director, Neurodiagnostic Lab Buffalo General Hospital
- 1995-1998 Director of Neurophysiology Fellowship and Resident Training in Neurophysiology, State University of New York at Buffalo.
- 1996 Designed Neurodiagnostic Digital Network at Children's Hospital of Buffalo for all Clinical Neurophysiology procedures. Supervised development and implemented a 3 Bed Epilepsy Monitoring Unit. State University of New York at Buffalo.

Other:

- 1989-1990 Alternate Facility Council, SUNYAB
- 1990-1992 Biomedical Research Committee, Faculty Council, SUNYAB
- 1990-1998 Residency Advisory Committee, Department of Neurology, SUNYAB
- 1991-1992 Appeals, Committee Medical School, SUNYAB
- 1994-1998 Peer-review physician, Children's Hospital of Buffalo

The University of Chicago

Committee membership:

- 2005-2006 Pediatric Faculty Compensation Committee, The University of Chicago
2012- 2016 Committee on Academic Promotion, The University of Chicago

Leadership:

- 2000- Medical Director, Pediatric Clinical Neurophysiology Laboratory, The University of Chicago Children's Hospital – Eight Beds for recording available for Video EEG Monitoring.
2004- Director of the Tuberous Sclerosis Clinic
2005- 2014 Medical Director, Epilepsy Unit, Hinsdale Hospital, Hinsdale, IL
2005- Director of Pediatric Epilepsy Program, The University of Chicago – responsible for Surface and Invasive Recording and Selection of Patients for Cortical Resection.

Akron Children's Hospital

Committee membership:

- 2017- Pharmacy and Therapeutics committee
2017- Safety and technology Committee
2017- Departmental Peer Review Committee

Leadership

- 2017- Director of Tuberous Sclerosis Clinic Akron Children's Hospital

Extramural (not indicated above)

Committee membership:

- 1996-2009 Member, Training Committee Child Neurology Society
2001- Technology Committee for the American Epilepsy Society

- 2002-2003 Member, Clinical Practice Review Committee, American Academy of Sleep Medicine
- 2002-2004 Examination Committee Member, American Board of Sleep Medicine
Part 2
- 2007 Honorary Committee, Comedy for a Cure, Tuberous Sclerosis Alliance
- 2017- Practice Committee Child Neurology Society

Leadership roles:

- 1996 Course Coordinator, Pediatric Sleep Disorders Seminar, Child Neurology Society Meeting. Minneapolis, MN, September
- 2000 Course Director, Second Annual Indiana Pediatric Day. Presentation: Sleep Disorders Masquerading as Common Pediatric Problems. Merrillville, IN, May
- 2001-2003 Search Committee, Director Pediatric ER UCCH

Other:

- 1987-1998 Epilepsy Information Night, Epilepsy Society of Western New York
- 1989-1994 Substance Abuse Task Force of Western New York
- 1992- Consultant, Public Health Service Division of Vaccine Injury Compensation
- 1996-1998 Consultant, American Academy of Pediatrics Task Force on Practice Parameters: Treatment of Child with First Simple Febrile Seizure
- 1999 Speaker, Florida Representative, Chestnut, Sleep Disorders. East Side Community Health Center, Gainesville, FL.
- 2001-2004 Examiner, American Board of Sleep Medicine Part 2
- 2003 Speaker, TS Alliance of Greater Chicago
- 2003-2005 President, Woodlawn Condominium Association
- 2006 Speaker, TS Alliance of Greater Chicago
- 2007 Speaker, Day of Hope Conference, Epilepsy Foundation of Greater Chicago
- 2008 Honoree, Comedy for a Cure Tuberous Sclerosis Alliance of Greater Chicago

2008 Speaker, Empowerment Conference, Epilepsy Foundation of Greater Chicago

2010 Town Hall Meeting Tuberos Sclerosis Alliance of Greater Chicago

2010 Consultant, Refractory Epilepsy, International Medical Center Cairo Egypt, July 26-31

2012 President, Woodlawn Condominium Association

2013 Speaker, TS Alliance of Greater Chicago

2015 Speaker Epilepsy Foundation of Greater Chicago

2016 Speaker Illinois Women in Cannabis

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