



CURRICULUM VITAE
ADAM LINDSAY HARTMAN, MD, FAAP
March 2009

Current Appointment

Assistant Professor of Neurology and Pediatrics, Johns Hopkins University School of Medicine, Baltimore, MD (July 2007 - present)

Personal Data

600 N. Wolfe St.
Meyer 2-147
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EDUCATION AND TRAINING

1985-1989 Bachelor of Arts, Northwestern University, Evanston, IL, Chemistry
1989-1994 Doctor of Medicine, Northwestern University, Chicago, IL
1994-1995 Internship, National Naval Medical Center, Bethesda, MD, Pediatrics
1995-1997 Residency, National Capital Uniformed Services Residency Program, National Naval Medical Center, Bethesda, MD and Walter Reed Army Medical Center, Washington, DC, Pediatrics
2002-2005 Residency, Johns Hopkins Hospital, Baltimore, MD, Pediatric Neurology
2005-2007 Fellowship, Johns Hopkins Hospital, Baltimore, MD, Clinical Neurophysiology (Pediatric Epilepsy)
2009 Statistics for Laboratory Scientists I & II (Fall & Spring Semesters), Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

PROFESSIONAL EXPERIENCE

1997-1999 Staff Pediatrician, US Naval Hospital Yokosuka, Japan
1998-2002 Assistant Professor of Pediatrics, Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD
1999-2002 Staff Pediatrician, Naval Medical Center San Diego

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

- 1999-2001 Site Director, Uniformed Services University of the Health Sciences Third Year Pediatric Clerkship Naval Medical Center San Diego
- 1999-2001 Site Director, University of California at San Diego Third Year Pediatric Clerkship Naval Medical Center San Diego
- 2000-2002 Assistant Clinical Professor of Pediatrics, University of California at San Diego

PROFESSIONAL EXPERIENCE (cont.)

- 2000-2001 Coordinator (Pediatrics), Naval School of Health Sciences Physician Assistant Student Rotation, Naval Medical Center San Diego
- 2000-2001 Coordinator (Pediatrics), Postgraduate-1 Year (Transitional/Psychiatry) Rotation, Naval Medical Center San Diego
- 2001-2002 Division Head, General Pediatrics, Naval Medical Center San Diego
- 2005-2008 Special Volunteer, Epilepsy Research Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD

RESEARCH ACTIVITIES

Research Publications

1. Chatterton RT, Jr., **Hartman AL**, Lynn DE, Hickson RC. Exercise-Induced Ovarian Dysfunction in the Rat. *Proc Soc Exp Biol Med* 1990;193:220-224.
2. **Hartman AL**. The Role of Military Strategies in Medical Thinking. *Perspec Biol Med* 1993;36:177-183.
3. Malik KF, Kim J, **Hartman AL**, Kim P, Young WS, III. Binding Preferences of the POU Domain Protein Brain-4: Implications for Autoregulation. *Mol Brain Res* 1996;38:209-221.
4. Winnick S, Lucas DO, **Hartman AL**, Toll D. How do you improve compliance? *Pediatrics* 2005;115:e718-e724.
5. **Hartman AL**, Kossoff EH. Epilepsy surgery for the neurocutaneous disorders. *Semin Pediatr Neurol* 2006;13:63-67.
6. Gasior M, Rogawski MA, **Hartman AL**. Neuroprotective and disease-modifying effects of the ketogenic diet. *Behav Pharmacol* 2006;17:431-439.
7. **Hartman AL**, Vining EPGV. Clinical Aspects of the Ketogenic Diet. *Epilepsia* 2007;48:31-42.
8. Freeman JM, Kossoff EH, **Hartman AL**. The Ketogenic Diet: One Decade Later (State-of-the-Art Review Article). *Pediatrics* 2007;119:535-543.
9. Gasior M, French A, Joy M, Tang R, **Hartman AL**, Rogawski MA. The Anticonvulsant Activity of Acetone, the Major Ketone Body in the Ketogenic Diet, Is Not Dependent on Its Metabolites Acetol, 1,2-Propanediol, Methylglyoxal or Pyruvic Acid. *Epilepsia* 2007;48:793-800.

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

10. **Hartman AL**, Gasior M, Vining EPG, Rogawski MA. The Neuropharmacology of the Ketogenic Diet. *Pediatric Neurology* 2007;36:281-292.
11. **Hartman AL**, Lesser RP. Update on Epilepsy and Cerebral Localization. *Curr Neurol Neurosci Rep* 2007;7:498-507.
12. **Hartman AL**, Lyle M, Rogawski MA Gasior M. Efficacy of the Ketogenic Diet in the 6-Hz Seizure Test. *Epilepsia* 2008;49:334-339 (published online 12/07).
13. Baranano KW, **Hartman AL**. The ketogenic diet: uses in epilepsy and other neurologic illnesses. *Curr Treat Options Neurol* 2008;10:410-419.
14. **Hartman AL**. Does the effectiveness of the ketogenic diet in different epilepsies yield insights into its mechanisms? *Epilepsia* 2008;49(Suppl 8):53-56.

Research Publications (cont.)

15. Graham EM, Ruis KA, **Hartman AL**, Northington FJ, Fox HE. A Systematic Review of the Role of Intrapartum Hypoxia-ischemia in the Causation of Neonatal Encephalopathy. *Am J Obstet Gynecol* 2008, 199:587-595.
16. **Hartman AL**, Lunney KM, Serena JE. Pediatric Stroke: Do clinical factors predict delays in presentation? *J Pediatr*. 2009;154:727-732.
17. Kossoff EH, **Hartman AL**, Rubenstein JE, Vining EP. High-dose oral prednisolone for infantile spasms: an effective and less expensive alternative to ACTH. *Epilepsy Behav* 2009;14:674-676.
18. Morrison PF, Pyzik PL, Hamdy R, **Hartman AL**, Kossoff EK. The influence of concurrent anticonvulsants on the efficacy of the ketogenic diet. *Epilepsia* 2009, in press.

Extramural Funding

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| 2006-2007 | Research and Training Fellowship for Clinicians, Epilepsy Foundation, direct costs: \$50,000; PI Adam L. Hartman, MD, 100% effort |
| 2007-2010 | Neurological Sciences Academic Development Award K12NS001696 (NSADA), National Institute of Neurological Disorders and Stroke, National Institutes of Health, direct costs \$451,500; PI: Harvey Singer, MD; Michael Johnston, MD; role: Awardee |

EDUCATIONAL ACTIVITIES

Educational Publications

1. **Hartman A**, Stocker JT, and Moriarty R. A 7-Week-Old Male with Respiratory Congestion (Grand Rounds). *J. Pediatr*. 1998;133:457-462.
2. **Hartman AL**, Van Bennekom T. An Infant with Propionic Acidemia. *Pediatr Rev* 2002;23:284, 288-290.
3. **Hartman AL**, Comi AM. Case 4: Just a Bruise? *Medscape General Medicine*. Nov 21, 2003. Available at: <http://www.medscape.com/viewarticle/464767>

Book chapters

Hartman AL. Ataxia, Dizziness, and Vertigo. In: JC Woodhead, ed. *Pediatric Clerkship Guide*.

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

St. Louis: Mosby, 2003:151-156.

Hartman AL. Headache. In: JC Woodhead, ed. Pediatric Clerkship Guide. St. Louis: Mosby, 2003:265-271.

Hartman AL. Seizures. In: JC Woodhead, ed. Pediatric Clerkship Guide. St. Louis: Mosby, 2003:327-333.

Hartman AL. Weakness. In: JC Woodhead, ed. Pediatric Clerkship Guide. St. Louis: Mosby, 2003:358-363.

Hartman AL. Neurology. In: JC Woodhead, ed. Pediatric Clerkship Guide. St. Louis: Mosby, 2003:583-595.

Book chapters (cont.)

Hartman AL, Comi AM. Mitochondrial Disorders. In: HS Singer, EH Kossoff, **AL Hartman**, TO Crawford, eds. Treatment of Pediatric Neurologic Disorders. New York: Taylor & Francis, 2005

Hartman AL, Vining EPG. Febrile Seizures. In: RT Johnson, JW Griffin, JC McArthur, eds. Current Therapy in Neurologic Disease. Philadelphia: Mosby, 2006

Hartman AL, Singer HS. Tourette Syndrome and Associated Neurobehavioral Problems. In: Accardo PJ, ed. Capute & Accardo's Neurodevelopmental Disabilities in Infancy and Childhood, 3rd ed. Baltimore: Brookes, 2008

Hartman A. Ataxia, Dizziness, and Vertigo. In: JC Woodhead, ed. Pediatric Clerkship Guide, 2nd ed. St. Louis: Mosby, 2008:163-167.

Hartman A. Headache. In: JC Woodhead, ed. Pediatric Clerkship Guide, 2nd ed. St. Louis: Mosby, 2008:281-287.

Hartman A. Seizures. In: JC Woodhead, ed. Pediatric Clerkship Guide, 2nd ed. St. Louis: Mosby, 2008:327-333.

Hartman A. Weakness. In: JC Woodhead, ed. Pediatric Clerkship Guide, 2nd ed. St. Louis: Mosby, 2008:319-325.

Hartman A. Neurology. In: JC Woodhead, ed. Pediatric Clerkship Guide, 2nd ed. St. Louis: Mosby, 2008:604-617.

Hartman AL. Normal Anatomy of the Cerebrospinal Fluid Compartment. In: Irani DN, ed. Cerebrospinal Fluid in Clinical Practice. Philadelphia: Saunders, 2009.

Hartman AL, Vining, EP. Isolated Seizures and Epileptic Disorders. In: Irani DN, ed. Cerebrospinal Fluid in Clinical Practice. Philadelphia: Saunders, 2009.

Publications Edited

HS Singer, EH Kossoff, **AL Hartman**, TO Crawford, eds. Treatment of Pediatric Neurologic Disorders. New York: Taylor & Francis, 2005

AL Hartman, SJ Phelps, EP Vining, eds. Understanding the Ramifications of Switching Among AEDs: a 2008 Clinical Update, Johns Hopkins Advanced Studies in Medicine 2008;8:210-243

Invited Book Reviews

Hartman AL, reviewer. Neurol 2005;65: E6. Review of: Stern JM and Engel J, Jr.. Atlas of

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

EEG Patterns. Lippincott Williams & Wilkins (2005).

Hartman AL, reviewer. Eur J Paediatr Neurol 2008;12:266-7. Review of Fejerman N and Caraballo RH, eds. Benign Focal Epilepsies in Infancy, Childhood, and Adolescence. John Libbey Eurotext (2007).

Conference Organization

2008 “Advances in Epilepsy Management: Challenging Issues, Challenging Populations,”
Epilepsy Foundation of the Chesapeake Region Biannual Symposium

Invited Presentations

- 1992 The Differential Expression of Four Class III POU-Domain Genes in the Central Nervous System of the Mouse , Society for Neuroscience Annual Meeting, Anaheim, CA
- 2006 More Fats, Fewer Fits: Clinical Aspects and Their Implications for Basic Research on the Ketogenic Diet, Winter Conference on Brain Research, Steamboat Springs, CO
- 2007 Alternative Uses of the Ketogenic Diet, Child Neurology Society, Quebec City, CA
- 2007 The Ketogenic Diet Is Anticonvulsant, Not Antiepileptogenic (debate), American Epilepsy Society, Philadelphia, PA
- 2008 Are There Other Epilepsy ‘Indications’ for the Ketogenic Diet? International Symposium on Dietary Therapies for Epilepsy and Other Neurological Disorders, Phoenix, AZ
- 2008 The Ketogenic Diet: Not Just for Intractable Childhood Epilepsy Anymore, Epilepsy Grand Rounds, University Hospitals (Case Western Reserve University), Cleveland, OH
- 2008 Video EEG Monitoring: When is it Needed? University of Santo Tomas Faculty of Medicine and Surgery, Department of Neurology and Psychiatry Epilepsy Summit, Manila, Philippines
- 2008 Nonconvulsive Status Epilepticus – the Silent Storm? University of Santo Tomas Faculty of Medicine and Surgery, Department of Neurology and Psychiatry Epilepsy Summit, Manila, Philippines
- 2008 Epilepsy in Early Childhood, University of Santo Tomas Faculty of Medicine and Surgery, Department of Neurology and Psychiatry Epilepsy Summit, Manila, Philippines
- 2008 Neonatal EEG: Recording Techniques, University of Santo Tomas Faculty of Medicine and Surgery, Department of Neurology and Psychiatry Epilepsy Summit, Manila, Philippines
- 2008 Neonatal EEG: Normal Patterns, University of Santo Tomas Faculty of Medicine and Surgery, Department of Neurology and Psychiatry Epilepsy Summit, Manila, Philippines
- 2009 What’s Shakin, Bacon? Metabolic Therapy for Epilepsy (Clinical Neuroscience Series, Department of Neurology, Johns Hopkins Medicine)
- 2009 Seizing Midazolam (First Annual Maryland Emergency Medical Services Symposium), Maryland Institute for Emergency Medical Services Systems and the Emergency Education Councils of Region III and V, Annapolis, MD

CME Presentations

- 2002 Evidence-Based Medicine in Practice, 36th Annual Uniformed Services Pediatric Seminar (American Academy of Pediatrics), San Diego, CA
- 2005 Febrile Seizures, 33rd Annual Pediatric Trends (Johns Hopkins Hospital), Baltimore, MD

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

- 2007 Pediatric Epilepsy Cases, 41st Annual Uniformed Services Pediatric Seminar (American Academy of Pediatrics), Bethesda, MD
- 2007 The ABCs of EEG, 35th Annual Pediatric Trends (Johns Hopkins Hospital), Baltimore, MD
- 2008 The Pediatrician's Approach to the Neurological Exam and Pediatric Epilepsy: The Spectrum From Benign to Malignant, Pediatric Jambalaya V (Annual Spring CME Activity, The Woman's Foundation), Lafayette, LA

Classroom Lectures, Small Group Leadership, Clinic Mentoring

Lecturer, Neurology Resident Noon Lecture Series

Burst Suppression (08/06, 08/07, 08/08)

The ABC's of EEG (10/07, 08/08)

The Epilepsy Monitoring Unit (11/07)

Pediatric Epilepsy Board Review (02/08, 02/09)

Pediatric Epilepsy – Good, Bad, and Ugly (06/08)

Pediatric Epilepsy Surgeries (05/09)

Lecturer, Medical Student Pediatric Clerkship Lecture Series

Seizure & Epilepsy Basics (10/06, 02/07, 05/07, 12/07, 07/08, 10/08, 12/08, 5/09)

Lecturer, Medical Student Neurology Clerkship Lecture Series

Seizures and Other Things That Shake (10/07, 11/07, 2/08)

Instructor/Preceptor, Medical Student Clinical Skills Course (02/05, 02/07)

Clinic Preceptor for Nurse Practitioner Practicum, Johns Hopkins School of Nursing

Thomas Bernadzickowski (Fall 2007)

Preceptor, Tutorial (Programmed Cell Death) for Medical School Second Year Pharmacology

Course (02/08, 02/09)

Small Group Discussion Leader, First Year Medical School Neuroscience Course (4 sessions, 2-3/08; 5 sessions, 2-3/09)

Student Mentoring

Ruchi Patel, Johns Hopkins University (Winter 2008 Intersession)

Michiko Kennedy, Johns Hopkins Internship in Brain Sciences program (Summer 2008)

Emily Bergbower, Laboratory student (Summer 2008; Winter 2009)

Pouya Hemmati, Laboratory student (Fall 2008)

Visiting Scientist Mentoring

Xiangrong Zheng, MD – 2008-2009

CLINICAL ACTIVITIES

Certification

Medical License: Maryland #D48336 (exp. 9/10)

American Board of Pediatrics, 1997 (recertification 2002)

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

American Board of Psychiatry and Neurology (Neurology with Special Qualification in Child Neurology), 2006

Service Responsibilities

Attending Neurologist, Johns Hopkins Hospital
Pediatric Neurology service, 1 month/year
Epilepsy Monitoring Unit, 2 weeks/year
EEG reading, 2 days/month
Pediatric Epilepsy Clinic, 2/month
Active Staff, Johns Hopkins Bayview Medical Center

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2006-present Pediatric Trauma Morbidity & Mortality Committee
2007-present Director, Basic Epilepsy Research, Pediatric Epilepsy Division
2007-present Director, Education, Pediatric Epilepsy Division
2008-present Department of Neurology Finance Committee

Editorial Activities

Associate Editor

Journal of Pediatric Neurology, 2007-present

Ad hoc reviewer

Pediatric Neurology, 2005-2006

Pediatric Blood & Cancer, 2006

Neurology, 2007-2009

Pediatrics, 2007-2008

Gene Regulation and Systems Biology, 2007

Epilepsy Research, 2007

Brain Research, 2008

Biochimica et Biophysica Acta (General Subjects), 2008

Journal of Neurochemistry, 2008

Journal of Pediatric Pharmacology & Therapeutics, 2008

Professional Societies

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

- 1989-present American Association for the Advancement of Science
- 1998-present Fellow, American Academy of Pediatrics (AAP)
- 1999-present Clinical Pharmacy and Therapeutics Section, AAP
- 1999-present Uniformed Services Section, AAP
- 2000-2008 Ambulatory Pediatric Association
- 2006-present American Clinical Neurophysiology Society
- 2006 Diplomate, American Board of Psychiatry and Neurology

Professional Societies (cont.)

- 2007-present Member, American Academy of Neurology
- 2007-present Member, American Epilepsy Society
- 2007-present Member, Child Neurology Society
- 2007-present Abilities Network (Epilepsy Foundation), Professional Advisory Board
- 2008-present Section on Neurology, AAP
- 2008-present Infant Seizure Society (Japan), Corresponding Member

RECOGNITION

Honors and Awards

- 1989 Phi Beta Kappa
- 1989 Departmental Honors
- 1989 Lewis Sarrett Scholarship Prize in Chemistry
- 1989-1994 Armed Forces Health Professions Scholarship Program (Navy)
- 1991-1992 Howard Hughes Medical Institute - National Institutes of Health Research Scholars Program
- 1993, 2002 National Defense Service Medal
- 1994 Meritorious Unit Commendation
- 1996 Howard Johnson Award for Housestaff Research, Uniformed Services Pediatric Seminar, American Academy of Pediatrics
- 1998, 1999 Navy and Marine Corps Overseas Service Ribbon
- 1996, 1998 Navy and Marine Corps Achievement Medal
- 2001 Navy and Marine Corps Commendation Medal, 1999, 2002 Preceptor of the Year, Interservice Physician Assistant Program, Naval School of Health Sciences
- 2002 Francis C. Rash Award (Teacher of the Year), Naval Medical Center San Diego Pediatric Residency Program
- 2002 Commendable Service Medal, Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine
- 2005 Jay Slotkin Award (Best Resident Research Project), Department of Neurology, Johns Hopkins Hospital
- 2006 Merritt-Putnam Award, Epilepsy Foundation
- 2007-present Neurological Sciences Academic Development Award K12 (NSADA), National Institute of Neurological Disorders and Stroke, National Institutes of Health

Curriculum Vitae (cont'd)

Adam L. Hartman, MD, FAAP

2009 Program Partner of the Year Award for Epilepsy Services, Abilities
Network/Epilepsy Foundation of the Chesapeake Region

OTHER PROFESSIONAL ACCOMPLISHMENTS

Military

Lieutenant, Medical Corps, United States Naval Reserve, 1994-1999

Lieutenant Commander, Medical Corps, United States Naval Reserve, 1999-2002

Abstracts (published)

Hartman AL, Bradley DJ, Hara Y, Nirenberg M and Young WS, III. The Differential Expression of Four Class III POU-Domain Genes in the Central Nervous System of the Mouse. Soc. Neurosci. Abstr. 1992;18:1091.

Malik KF, Kim J, Kim P, **Hartman AL**, LeMoine C, and Young WS, III. Brn-4 POU Protein: DNA Binding Preference and Protein-Protein Interactions. Soc. Neurosci. Abstr. 1994;20:51.

Martinez CC, **Hartman AL**, Kossoff EH. Risk of Recurrent Seizures after Ketogenic Diet Discontinuation for Seizure Freedom. *Epilepsia* 2006;47(Supplement 4):336

Yankura JA, French A, Rogawski MA, **Hartman A**, Gasior M. Assessment of the Role of Glucose Deprivation in the Ketogenic Diet with 2-Deoxyglucose. *Epilepsia* 2006;47(Supplement 4):338.

Gasior M, Yankura J, French A, Yonekawa W, **Hartman A**, Rogawski MA. Anticonvulsant Effects of 1,3-Butanediol, a Metabolic Precursor of Ketone Bodies. *Epilepsia* 2006;47(Supplement 4):214.

Hartman AL, Lyle M, Wayns K, Rogawski MA, Gasior M. Profile of the Ketogenic Diet for Protection Against Seizures Induced by Diverse Convulsant Stimuli in the Mouse. *Ann Neurol* 2007;62(Supplement 11):S101-102.

Hartman AL, Lyle M, Wayns K, Rogawski MA, Gasior M. The ketogenic diet is protective in the 6 Hz model. *Epilepsia* 2007;48(Supplement 6):99-100.