

## **Dr. Joshua S. Rotenberg**

Neurology & Sleep Specialists, PA  
902 Frostwood Dr, Suite 210  
Houston TX 77024

jrotenberg@houston specialtyclinic.com  
713-464-4107  
713-465-4522 (fax)

### **Education.**

- Doctor of Medicine, Brown University School of Medicine, Providence RI, 1995.
- Master of Medical Science, Community Health - Epidemiology, Brown University, Providence RI, 1995.
- Honors Bachelor of Arts, Brown University, Providence, RI, 1991.

### **Professional Licenses and Board Certification.**

- American Board of Psychiatry & Neurology.
  - Special Qualifications in Child Neurology, #11442, renewed 2024.
    - Additional Qualifications in Brain Injury Medicine.
    - Additional Qualifications in Epilepsy.
    - Additional Qualifications in Sleep Medicine, renewed 2019.
- United Council for Neurologic Subspecialties.
  - Behavioral Neurology & Neuropsychiatry, #BNNP6765, November 2022.
- National Board of Physicians & Surgeons, #5635, 2017–2025.
  - General Pediatrics.
  - Neurology - Special Qualifications in Child Neurology.
    - Epilepsy.
    - Brain Injury Medicine.
    - Sleep Medicine.
- American Board of Sleep Medicine, lifetime, #2774.
- Medical Licenses: Texas – #M0545 2005 to present; Pennsylvania, 2001–2006 (inactive) # MD068487L; New York 1996 to 1998 (inactive).

### **Academic Appointments.**

- Clinical Assistant Professor, Sam Houston State College of Osteopathic Medicine, 2023 to present.
- Clinical Assistant Professor, Pediatrics, University of Texas Health Sciences Center of Houston, 2009 to present.
- Clinical Assistant Professor, Neurology, University of Texas Health Sciences Center of San Antonio, 2003 to 2011.
- Clinical Assistant Professor, Pediatrics and Neurology (secondary), Uniformed Services University of the Health Sciences, 2001 to 2006.

### **Professional Experience.**

- President & Medical Director, Neurology & Sleep Specialists PA. July 2006 to present, Houston, Tx.
  - Houston Specialty Clinic - 2015 to present, Private practice serving, Houston San Antonio and Greater

Texas.

- Medical - Legal Consultation. (Retained for approximately 150 cases; Depositions - 20 cases; trial - 2 cases).
- Member, Texas Medical & Sleep Specialists, November 2009 to 2015, Houston & San Antonio, Private group pediatric practice serving San Antonio and Greater Texas.
  - Chief of Neurologic Services.
  - Staffed and managed outreach clinics: Children's Memorial Hermann, Methodist Children's Hospital Spasticity Clinic, Seguin, TX.
- Special expertise in neurogenetics, ataxia.
  - Recognized by CIGNA with equivalent status to genetics counsellor.
  - Cacna1a Foundation - Clinical & Scientific Advisory Committee
- President & Medical Director, Academy Diagnostics LLC. July 2007 to 2024, San Antonio, TX.
  - Independent diagnostic and treatment facility offering neurophysiologic and sleep diagnostic services.
  - Serve children and adults.
  - Sleep Center with American Academy of Sleep Medicine certification pending.
  - Provide high quality sleep services.
- Sub-Investigator – Road Runner Research. July 2006 to 2008, San Antonio, TX Independent clinical research corporation performing Phase 1 (pediatrics) and Phase 2-3 (all ages) clinical research.
- Chief, Division of Pediatric Sleep Medicine. 2005 to July 2006. San Antonio Military Pediatric Consortium, Uniformed Services University of the Health Sciences, Wilford Hall USAF Medical Center. San Antonio, TX.
  - Selected to lead new specialty division in the military's largest military pediatrics center.
  - Lead initiative to establish the first pediatric sleep laboratory in DoD.
  - Staff Pediatric Neurologist, Wilford Hall USAF Medical Center.
  - Honorable Discharge July 2006.
- Chief, Division of Pediatric Neurology. 2003 to 2005. San Antonio Military Pediatric Consortium, Uniformed Services University of the Health Sciences, Wilford Hall USAF Medical Center. San Antonio, TX.
  - Led pediatric neurology services at the USAF "flagship" medical center and largest military pediatrics center offering international and regional consultation as well as telemedicine support.
    - Inpatient consultative services include NICU, PICU and pediatrics ward.
    - Administrative supervision of 2 neurologists and one neurology nurse practitioner.
  - Directed subspecialty clinics in sleep, neurogenetics, headache and cerebral palsy/spasticity.
  - Significant experience with botulinum toxin injections and vagus nerve stimulators.
  - Initiated programs for intrathecal baclofen pumps and polysomnography.
  - Initiated neonatal neurology program with EEG/cerebral function monitoring.
  - Pediatric neurology clerkship director.
  - Supervised pediatrics & neurology trainees from three residency programs and one fellowship.
- Fellow, Child and Adolescent Neurology. National Capital Consortium. 2000 to 2003. Uniformed Services University of the Health Sciences, Walter Reed Army Medical Center, National Naval Medical Center, National Institutes of Health; Washington DC & Bethesda MD.
  - Served on 1) Pediatric Working Group on Biological and Chemical Terrorism, and Committee on Nuclear, Biologic and Chemical Terrorism, Walter Reed Army Medical Center. 2) Nuclear, Biological,

and Chemical Casualty Care Team, Walter Reed AMC.

- Completed visiting clinical rotations at Children's National Medical Center, Washington, DC; Johns Hopkins Hospital, Baltimore, MD; and Kennedy Krieger Institute, Baltimore MD.
- Staff Pediatrician, Walter Reed AMC/National Naval Medical Center 2000–2003.
- Resident Physician. Department of Pediatrics. 1997–2000. Wright State University, Wright- Patterson USAF Medical Center/ Children's Medical Center. Dayton, OH.
  - Lecturer, Wright State University, Dayton Ohio.
  - Deployed on Operation New Horizons, medical humanitarian mission, June 1999.
  - Awarded Resident Teaching Award, 2000.
  - Chair of House Staff Council and House staff Representative to the Professional Education Committee, Wright-Patterson USAF Medical Center 1998–2000.
  - Initiated and organized an academic "Journal Club" 1998–1999.
  - Served on Hospital Ethics Committee, Children's Medical Center, Dayton, OH, 1999–2000.
- Aerospace Research Physician. Combined Stress Branch, USAF Research Laboratory, Wright- Patterson Air Force Base. 1996–1997.
  - Directed experimental research to improve aircrew performance in the high gravitational (G) environment of maneuvering flight. Supervised all medical personnel and medical facilities at the branch.
  - Member, Human Use Review Committee -- oversaw and approved all human experimentation at Armstrong Laboratory, WPAFB.
- Resident Physician. Department of Internal Medicine, Lenox Hill Hospital, New York, NY. 1995–1996. Lecturer, New York University.

## **Research and Publications.**

### Clinical Research.

- Co-Investigator. NEUROIMAGING EVALUATION OF BLAST-INDUCED TRAUMATIC BRAIN INJURY IN PEDIATRIC PATIENTS, Protocol Number: H-50960, Baylor College of Medicine.
- Principal Investigator Protocol #: Sunovion 190-246: A Randomized, Placebo-Controlled, Double- Blind, Fixed-Dose Study of the Efficacy and Safety of Eszopiclone in Children (6-11 years) and Adolescents (12 to 17 years with Attention-Deficit/Hyperactivity Disorder-Associated Insomnia.
- Principal Investigator AstraZeneca D122OC00001 ZOMIG TM Adolescent Migraine Study.
- Sub Investigator: JPI protocol 07-001: A Phase 2a, Open-label, Proof-of-Concept Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of Intranasal Clonazepam in Adult Subjects with Epileptic Seizures. 2008-Present.
- Sub Investigator: GlaxoSmithKline TRX106573: A Study of Combination Product (sumatriptan succinate and naproxen sodium) in Migraine Subjects Who Report Poor Response or Intolerance to Eletriptan. 2006.
- Sub Investigator: Torrey Pines NGX424MIG2001: A Double-Blind, Placebo-Controlled, Parallel Group, Multi-Center Study to Assess the Safety, Efficacy and Tolerance of a Single Subcutaneous Dose of Tezampanel in Patients with Acute Migraine. 2007.
- Sub Investigator: PRA International NO1280/NO1281: A Multi-Center Double-Blind, Historical Control Randomized Conversion to Monotherapy with Keppra XR for Treatment of Partial Onset Seizure Study. 2007-Present.

Published Peer Reviewed Literature.

Link Here -

<https://www.ncbi.nlm.nih.gov/sites/myncbi/103bGJGeIgzQv/bibliography/53078752/public/?sort=date&direction=ascending>.

1. Erdogan EN, Cheng CV, Caraffi SG, Ivanovski I, Piatelli G, Errichiello E, Papavasiliou AS, Vasileiou G, Reis A, Prince B, Hickey SE, Koboldt DC, Schneider MC, Porrmann J, Di Donato N, Leis T, Perry MS, Humberson J, Rotenberg J, Bakhtiari S, Magee H, Kheradmand S, Kruer MC, Swale A, Weber A, Landes C, Zuffardi O, Garavelli L, van Haeringen A, Ruivenkamp CAL, Pauly M, Au PYB, Dobyns WB, Aldinger KA. Further Delineation of the AUTS2 HX Repeat Domain-Related Phenotype. *Am J Med Genet A*. 2025 May 3;:e64093. doi: 10.1002/ajmg.a.64093. [Epub ahead of print] PubMed PMID: 40317680.
2. Ng BG, Eklund EA, Rosenfeld JA, Elias AF, Abu-El-Hajja A, Bris C, Barth M, Chae JH, Choi M, Dubbs HA, Fratter C, Foulds N, Gamble C, Gavrilova RH, Haven J, Hoffman TL, Hunter JV, Larson A, Lotze TE, Magoulas P, Magness EC, Bootin DM, Marsh ED, Nesbitt V, Pastore MT, Poulton J, Rahman S, Scaglia F, Murali C, Posey J, Rotenberg J, Schmalz B, Shinde DN, Powis Z, Sukenik-Halevy R, Truxal KV, Uster T, Machado Bressan Wilke MV, Klee E, Woo H, Younkin D, Zhao J, Granadillo J, Lalani S, Chitayat D, Chung WK, Freeze HH, Okur V. Autosomal dominant HK1-related neurodevelopmental disorder with visual defects and brain anomalies (NEDVIBA): An emerging mitochondrial disorder. *Genet Med Open*. 2025;3:103425. doi: 10.1016/j.gimo.2025.103425. eCollection 2025. PubMed PMID: 40469904; PubMed Central PMCID: PMC12135434.
3. Liu Z, Xin B, Smith IN, Sency V, Szekely J, Alkelai A, Shuldiner A, Efthymiou S, Rajabi F, Coury S, Brownstein CA, Rudnik-Schöneborn S, Bruel AL, Thevenon J, Zeidler S, Jayakar P, Schmidt A, Cremer K, Engels H, Peters SO, Zaki MS, Duan R, Zhu C, Xu Y, Gao C, Sepulveda-Morales T, Maroofian R, Alkhawaja IA, Khawaja M, Alhalasah H, Houlden H, Madden JA, Turchetti V, Marafi D, Agrawal PB, Schatz U, Rotenberg A, Rotenberg J, Mancini GMS, Bakhtiari S, Kruer M, Thiffault I, Hirsch S, Hempel M, Stühn LG, Haack TB, Posey JE, Lupski JR, Lee H, Sarn NB, Eng C, Gonzaga-Jauregui C, Zhang B, Wang H Hemizygous variants in protein phosphatase 1 regulatory subunit 3F (PPP1R3F) are associated with a neurodevelopmental disorder characterized by developmental delay, intellectual disability and autistic features. *Hum Mol Genet*. 2023 Oct 4;32(20):2981–2995. doi: 10.1093/hmg/ddad124. PMID: 37531237.
4. Zhigang Liu, Baozhong Xin ... Ulrich Schatz, Gal Zaks Hoffer, Ari Rotenberg, Joshua Rotenberg ...Heng Wang2,\*. Hemizygous variants in protein phosphatase 1 regulatory subunit 3F (PPP1R3F) lead to a neurodevelopmental disorder characterized by developmental delay, intellectual disability and autism features. *Genet Med*. 2020 Mar;22(3):538-546. doi: 10.1038/s41436-019-0693-9. Epub 2019 Nov 14. PMID: 31723249.
5. Chmielewska JJ, Burkardt D, Granadillo JL, Slaugh R, Morgan S, Rotenberg J, Keren B, Mignot C, Escobar L, Turnpenny P, Zuteck M, Seaver LH, Ploski R, Dziembowska M, Wynshaw-Boris A, Adegbola A. PTPN4 germline variants result in aberrant neurodevelopment and growth. *HGG Adv*. 2021 Jul 8;2(3):100033. doi: 10.1016/j.xhgg.2021.100033. Epub 2021 Apr 5. PMID: 34527963; PMCID: PMC8439436.
6. Mirzaa GM, Chong JX, Piton A, Popp B, Foss K, Guo H, Harripaul R, Xia K, Scheck J, Aldinger KA, Sajjan SA, Tang S, Bonneau D, Beck A, White J, Mahida S, Harris J, Smith-Hicks C, Hoyer J8, Zweier

C8, Reis A, Thiel CT, Jamra RA, Zeid N, Yang A, Farach LS, Walsh L, Payne K, Rohena L, Velinov M, Ziegler A, Schaefer E, Gatinois V, Geneviève D, Simon MEH, Kohler J, Rotenberg J, Wheeler P, Larson A36, Ernst ME, Akman CI, Westman R, Blanchet P, Schillaci LA, Vincent-Delorme C, Gripp KW, Mattioli F, Guyader GL, Gerard B, Mathieu-Dramard M, Morin G, Sasanfar R, Ayub M, Vasli N, Yang S, Person R, Monaghan KG, Nickerson DA, van Binsbergen E, Enns GM, Dries AM, Rowe LJ, Tsai ACH, Svihovec S, Friedman J, Agha Z, Qamar R, Rodan LH, Martinez-Agosto J, Ockeloen CW, Vincent M, Sunderland WJ, Bernstein JA; Undiagnosed Diseases Network, Eichler EE, Vincent JB; Bamshad MJ. De novo and inherited variants in ZNF292 underlie a neurodevelopmental disorder with features of autism spectrum disorder. *Genet Med*. 2019 Nov 14. doi: 10.1038/s41436-019-0693-9.

7. Luo X, Rosenfeld JA, Yamamoto S, Harel T, Zuo Z, Hall M, Wierenga KJ, Pastore MT, Bartholomew D, Delgado MR, Rotenberg J, Lewis RA, Emrick L, Bacino CA, Eldomery MK, Coban Akdemir Z, Xia F, Yang Y, Lalani SR, Lotze T, Lupski JR, Lee B, Bellen HJ, Wangler MF; Members of the UDN.. Clinically severe CACNA1A alleles affect synaptic function and neurodegeneration differentially. *PLoS Genet*. 2017 Jul 24;13(7):e1006905. doi: 10.1371/journal.pgen.1006905. eCollection 2017 Jul. PubMed PMID: 28742085; PubMed Central PMCID: PMC5557584.
8. Szuhay G, Rotenberg J. Sleep apnea in pediatric neurological conditions. *Curr Neurol Neurosci Rep*. 2009 Mar;9(2):145-52. Review. PubMed PMID: 19268038.
9. Shoemaker MT, Rotenberg JS. Levetiracetam for the treatment of neonatal seizures. *J Child Neurol*. 2007 Jan;22(1):95-8. PubMed PMID: 17608315.
10. Rotenberg JS, Canard K, Difazio M. Successful treatment of recalcitrant restless legs syndrome with botulinum toxin type-A. *J Clin Sleep Med*. 2006 Jul 15;2(3):275-8. PubMed PMID: 17561538.
11. Joseph KR, Richards KC, Rotenberg JS. Rash, fever, and neck pain in the office: is this a neurologic emergency? *Pediatr Ann*. 2005 Nov;34(11):878-84; quiz 893-4. Review. PubMed PMID: 16353649.
12. Schmid C, Rotenberg JS. Neurodevelopmental toxicology. *Neurol Clin*. 2005 May;23(2):321-36. Review. PubMed PMID: 15757787.
13. Rotenberg JS, Newmark J. Nerve agent attacks on children: diagnosis and management. *Pediatrics*. 2003 Sep;112(3 Pt 1):648-58. Review. PubMed PMID: 12949297.
14. Rotenberg J, Pearl PL. Landau-Kleffner syndrome. *Arch Neurol*. 2003 Jul;60(7):1019-21. PubMed PMID: 12873863.
15. Rotenberg JS. Cyanide as a weapon of terror. *Pediatr Ann*. 2003 Apr;32(4):236-40. PubMed PMID: 12723118.
16. Rotenberg JS. Diagnosis and management of nerve agent exposure. *Pediatr Ann*. 2003 Apr;32(4):242-50. PubMed PMID: 12723119.
17. Rotenberg JS, Burklow TR, Selanikio JS. Weapons of mass destruction: the decontamination of children. *Pediatr Ann*. 2003 Apr;32(4):260-7. PubMed PMID: 12723121.
18. Brackett LE, Rotenberg J, Sherman CB. Hantavirus pulmonary syndrome in New England and Europe. *N Engl J Med*. 1994 Aug 25;331(8):545; author reply 547-8. PubMed PMID: 8041424.

19. Rotenberg J. Adapting the clinical encounter for the deaf patient. R I Med. 1994 Mar;77(3):81-3. Review. PubMed PMID: 8186480.

### **Other Open Source, Non-Peer Review or Other Publications.**

- Five Ways to Prevent a Concussion in Your Teenage Athlete - Pediatric Neurologists Share Tips to Help Reduce Concussions in Children and Teenager  
<http://www.prweb.com/releases/2012/8/prweb9770116.htm>.
- Rotenberg, J; DiFazio, MP, FAAN; Kirkwood, MW COGNITIVE REST FOR CONCUSSION MANAGEMENT LACKS DATA Infectious Diseases in Children, October 2012.
- Rotenberg J. Sleep Disorders In Women. NSide MD San Antonio. October 17, 2007.
- Rotenberg J. Worker fatigue takes its toll. San Antonio Business Journal. Friday, July 27, 2007.
- Joseph K, Richards K, Rotenberg JS. Rash, Fever, and Neck Pain in the Office: Is this a Neurologic Emergency. Pediatric Ann. 2005 NOV.
- Rotenberg J. Nerve Agents In Children: Dosing Card.  
[http://ccc.apgea.army.mil/reference\\_materials/reference.asp](http://ccc.apgea.army.mil/reference_materials/reference.asp); 2002.
- Rotenberg J. Nerve Agents In Children: Guidelines.  
[http://ccc.apgea.army.mil/reference\\_materials/reference.asp](http://ccc.apgea.army.mil/reference_materials/reference.asp); 2002.
- Rotenberg J. "Black-Jewish Relations in Colonial Newport" Rhode Island Jewish Historical Notes, 11(2), November 1992, p.117-172.

### **Poster Presentations.**

- ElKhadem A, Rotenberg J "tACDC" Blended Transcranial Electrical Stimulation for Childhood Autism and for ADHD" : Evaluation of Feasibility 6th International Brain Stimulation Conference 2025.
- Morgan S, Rotenberg J. Anodal Cerebellar Direct Stimulation Improves Ataxia in a Child With A mutation in KMT5b. 2020 NANS Annual Meeting.
- Kiel M, Rotenberg J. Inadequate Screening for Sleep Disorders in Children with Down Syndrome. APSS, Salt Lake City UT, 2006.
- Shoemaker M, Rotenberg J, Richards K. Safety and Tolerability of Levetiracetam in Infants. Poster Presentation, American Epilepsy Society, Washington DC 2005.
- Rotenberg JS. Successful Treatment of Refractory Restless Legs Syndrome with Botulinum Toxin Injections – A Case Series. Poster Presentation APSS, Denver CO, 2005.
- Kudelko K, Rotenberg J, DiFazio M. Successful Treatment of Restless Legs Syndrome with Local Injections of Botulinum Toxin A. Poster presented at the Movements Disorders Society Annual meeting, Miami, FL November 2002.
- Barnes K, Rotenberg J, DiFazio M. "Flaccid Monoplegia in Neonate after Lumbar Puncture" Poster. presented at 36 Annual Uniformed Services Pediatric Seminar, 2002.

### **Invited Lectures.**

- Cerebellum and Learning – The Hub Houston TX Feb 2025.
- CACNA1A & Sleep – It’s Way More Than the Channel! 2022 CACNA1A Community Conference, San Antonio, July 2022.
- 5 Rules Every Parents Should Know About Sleep and Learning. HISD Parent Summit. July 2018.
- Sleep, Light, & Learning. Calvary Episcopal Preparatory Invited as professional commentator for a screening of Screenagers. 22 March 2018.
- “Epilepsy: Essentials for Primary Care and Hospitalist.” Grand Rounds The Woman’s Hospital Aug 3 2017.
- Sleep and ADHD. 2014 ANNUAL ADD Association-Southern Region CONFERENCE.
- Epilepsy 101 to Graduate Course, Houston Area Nurse Practitioners, September 2013.
- Sleep, Winston School The 23rd Annual Learning Disabilities Symposium, January 2013.
- Update on Cerebral Palsy, UTHSC Physical Medicine & Rehabilitation Grand Rounds, July 2011.
- Update on Cerebral Palsy – A Neurologist’s View Easter Seals Houston August 2011.
- Sleep & Pediatric Neurology, Katy ISD 2010.
- Update on Cerebral Palsy, San Antonio Area Pediatric Specialists, August 2008.
- Sleep and Neurodevelopmental Disorders Psychiatric Pharmacotherapy Update - University of Texas at Austin October 19, 2007.
- Epilepsy, Primary Care Considerations. Department of Pediatrics Grand Rounds, UTHSCSA September 2007.
- Sleep Disorders and Learning Disorders: Two Sides of the Same Coin. Learning Disorders Association of Texas, Austin TX November 2006.
- Narcolepsy in Children. Narcolepsy Network Annual Meeting, Dallas, TX October 2006.
- Sleep-Disordered Breathing in Pediatric Neurology. Neurology Grand Rounds, University of Texas Health Sciences Center of San Antonio, October 2005, San Antonio, TX.
- “Sleep Apnea: Diagnosis and Treatment” Grand Rounds, Southwest General Hospital, San Antonio, TX September 29, 2005.
- “Things That Go Bump in the Night” – Sleep Disorders in Pediatric Neurology, American Academy of Neurology Annual Meeting, Miami Beach, FL, 2005.
- Management of Cerebral Palsy, Uniformed Services Pediatrics Seminar, American Academy of Pediatrics San Antonio, TX 2005. Cerebral Palsy: Update on Treatment. Neurology Grand Rounds, University of Texas Health Sciences Center of San Antonio, February, 2005, San Antonio, TX.
- Cerebral Palsy: Practice Parameters. Neurology Grand Rounds, University of Texas Health Sciences Center of San Antonio, 19 September, 2004, San Antonio, TX.
- “Why Don’t They Call Anymore?”: Top Ten Innovations in Migraine. Pediatrics for the Practitioner. 13 June 2004. Hyatt Hill Country Resort, San Antonio, TX.
- Chemical Terrorism and Pediatrics. EMS Partnership For Children (PFC ) EMS PFC Consortium meeting, 7 March 2003, Washington DC.
- Chemical Terrorism, Nerve Agents and Children. Office of the Assistant Secretary, Office of Emergency Preparedness, Dept of Health and Human Services, November 2002, Washington DC.
- Neurological Aspects of Chemical Terrorism: What Child Neurologists Should Know. Child Neurology Society, 31st Annual Meeting, October 9-12, 2002, Washington DC.
- Nerve Agents and Children”. Chemical Casualty Care Division (CCCD), United States Army Medical Research Institute of Chemical Defense (USAMRICD). June 2002, Aberdeen Proving Ground, MD.
- Chemical Terrorism: A Guide to Planning a Response for Pediatrics. Presentation at 2002 Uniformed

Services Pediatric Seminar, March 10-14 2002, San Diego, CA.

### **Societies and Committee Appointments.**

- Professional Societies.
  - Member, International Brain Injury Association.
  - Member, American Epilepsy Society 2003 to present.
  - Member, American Academy of Cerebral Palsy and Developmental Medicine, 2003 to present.
  - Member, American Academy of Neurology, 2001-present.
  - Member, Child Neurology Society, 2001-present.
  - Member, American Academy of Sleep Medicine, 2001-present.
- Local, Civic and Advocacy Organizations.
  - Special Education Ad Hoc Committee, Houston Independent School District 2017 to Oct 2018.
  - Medical Advisory Board, Winston School, San Antonio Texas, 2008 to 2009.
  - American Medical Association 2008 to present.
  - Member San Antonio Pediatric Society, 2008 to present.
  - Member, Texas Medical Association, 2006 to present.
  - Member, Bexar County Medical Society 2006 to present.
  - Member, Joint Readiness Clinical Advisory Board, USAF representative for chemical warfare casualty care, 2003 to 2006.
  - Member, Advisory Committee, National Center for Disaster Preparedness, Mailman School of Public Health, Columbia University, 2003 to 2006.
  - Member, Neurotoxicology Research Group of the World Federation of Neurology, 2003 to 2006.

### **Awards and Honors.**

- Faculty Excellence Award, San Antonio Military Pediatric Consortium, June 2004.
- USAF Meritorious Service Medal, December 2004.
- John M. Hallenbeck Award, National Capital Consortium Department of Neurology, June 2003.
- American Medical Association Leadership in Medicine and Excellence in Medicine Award, March 2003.
- Resident Teaching Award, Wright State University, Department of Pediatrics, 2000.
- Graduation Speaker, Brown University School of Medicine, 1995.
- Cited for Academic Excellence, Brown University School of Medicine, Commencement 1995.
- Stanley Aronson Prize for Excellence in the Neurosciences, Brown University School of Medicine, 1995.
- Sigma XI, elected to scientific honor society, Brown University Chapter, 1995.
- President's Community Service Fellowship, Brown University, 1993.
- Judge Alfred Joslin Award for Service to the Brown University Community, 1991.
- William Gaston Premium Scholarship for Excellence in Judaic Studies, 1991.
- Health Professions Scholarship, United States Air Force, 1991–1995.

### **Military Education.**

- Management of Chemical and Biological Casualties Course, United States Army Medical Research Institute of Chemical Defense (USAMRICD). Aberdeen Proving Ground, MD, and United States Army

- Medical Research Institute of Infectious Diseases (USAMRIID), Fort Detrick, MD; April 2002.
- Combat Casualty Care, Camp Bulles, TX, 2000.
  - Squadron Officer School, 1998.

**Civic Service, Other Employment, Community Service and Interests.**

- Owner / Administrator – Numerous neurology - Neurogenetics related social media groups.
  - Owner – LinkedIn Child Neurology, Psychiatry Development (9000 members) Child & Adolescent Neurology Psychiatry Neurodevelopment & Rehabilitation.
  - Moderator Houston Flood Support FB group with 6000 Members.
- National Speaker - Eisai Pharmaceuticals, 2018–2020.
- National Speaker - Vaya Pharmaceuticals 2017–2018.
- Consultant – Athena Diagnostics, 2009 – assisted in the development and educational materials for new genetic services for autism and developmental delay.
- Served as expert lecturer on speaker panel for UCB Pharma, Cyberonics, Cephalon, Optima Medical Solutions, Athena Diagnostics.
- Served as Consultant for King Pharmaceuticals and Solstice Pharmaceuticals (2004 to 2006).
- Reviewer for the journal “Pediatrics” 2004–2005.
- Intensive American Sign Language Courses. Gallaudet University, Washington DC, 1993.