

## PROFESSIONAL VITA

### Van Strickland Miller, MD, PhD

Neuroscience Program  
Behavioral and Brain Sciences  
University of Texas at Dallas  
800 W. Campbell Rd., GR41  
Richardson, TX 75080-3021

van.miller@utdallas.edu

### EDUCATION:

#### ***Undergraduate:***

University of Georgia 1973-1977  
Athens, Georgia  
Degree: B.A. - Physiological Psychology  
Magna Cum Laude

#### ***Graduate:***

University of Texas at Austin 1977-1983  
Austin, Texas  
Degree: PhD - Neuroscience

#### ***Medical School:***

University of Texas Medical Branch 1983-1986  
Galveston, Texas  
Degree: MD

### POSTDOCTORAL TRAINING:

#### ***Pediatric Internship and Residency:***

University of Texas Medical Branch 1986-1988  
301 University Boulevard, Galveston, Texas 77555

#### ***Neurology Residency:***

North Carolina Baptist Hospital 1988-1990  
Medical Center Boulevard, Winston-Salem, NC 27157

#### ***Pediatric Neurology Fellowship:***

University of North Carolina Hospital 1990-1991  
101 Manning Drive, 6002 East Wing, Chapel Hill, NC 27514

**EEG/Epilepsy Fellowship:**

The University of Texas Southwestern Medical School 1991-1992  
5323 Harry Hines, Dallas, Texas 75235

**PROFESSIONAL LICENSURE:**

Texas State Medical License No. H2609 exp. 2/28/21  
North Carolina State Medical License No. 32796  
Texas DPS No. 20078782;  
DEA No. BM1768689

**BOARD CERTIFICATION:**

Board-Certified in Pediatrics 1991  
Certificate No. 47307  
Recertified 1997  
  
Board-Certified in Neurology with special 1994  
qualification in child neurology. Certificate number 918  
Recertification not required

**PROFESSIONAL APPOINTMENTS:**

Research Assistant, Department of Psychology 1977-1981  
University of Texas at Austin  
  
Teaching Assistant, Department of Psychology 1978-1982  
University of Texas at Austin  
  
Assistant Instructor, University of Texas at Austin 1983  
Courses taught: Physiological Psychology, Biopsychology,  
Learning and Motivation, Animal Learning, Introduction to  
Psychology  
  
National Institutes of Health Short-term Training Course, 1984  
Marine Biomedical Institute, Galveston, Texas  
  
Research Associate, Marine Biomedical Institute 1984-1986  
University of Texas Medical Branch, Galveston, Texas  
  
Assistant Professor, Division of Pediatric Neurology 1991-1997  
The University of Texas Southwestern Medical Center, Dallas, Texas  
  
Director, Neonatal Neurophysiology 1993-2000  
Parkland Memorial Hospital, Dallas, Texas  
  
Assistant Professor, Division of Pediatric Neurology 1991-1997  
The University of Texas Southwestern Medical Center, Dallas, Texas  
  
Associate Professor, Division of Pediatric Neurology 1997-2000

The University of Texas Southwestern Medical Center, Dallas, Texas	
Medical Director, Carter Centers for Holoprosencephaly and Related Brain Malformations, Texas Scottish Rite Hospital, Dallas	1997-2001
Private practice, Texas Child Neurology	2000-2009
Medical Reviewer, Intracorp, division of Cigna	2002-2006
Senior Lecturer, Department of Neuroscience, University of Texas at Dallas	2008-present
Medical Director, Neurodiagnostic Technology program, Concorde University, Arlington, TX	2012-2019

### PROFESSIONAL MEMBERSHIPS:

Date joined:

Epilepsy Society of America	1991
Child Neurology Society	1993
American Academy of Neurology, No. 15827	1992
Lowe Syndrome Advisory Board	2004
Texas Medical Society/AMA	2001

### RESEARCH INTERESTS:

Neonatal neurology, developmental neurobiology, behavioral teratology, ontogeny of learning in humans and animals, neuroepidemiology, developmental defects of brain, autism

### TEACHING:

Child Neurology Excellence in Teaching Award, 1993, 1996, 1998  
Medical Education Committee 1991- 2000  
Teaching Award, Brain and Behavioral Sciences, UT Dallas, 2010  
President's Teaching Award, UT Dallas, 2012

### PUBLICATIONS:

#### *Articles and Chapters:*

1. **Miller V**, Domjan M: Specificity of cue to consequence in aversion learning in the rat: control for US-induced differential orientations. *Anim Learn Behav* 1981;9:339-345.
2. **Miller V**, Domjan M: Selective sensitization induced by lithium malaise and footshock in rats. *Behav Neural Biol* 1981; 31:42-55.
3. Domjan M, **Miller V**, Gemberling G: Note on aversion learning to the shape of food by monkeys. *J Exp Anal Behav* 1982;1:20-24.
4. **Miller V**, Bigler E: Neuropsychological aspects of tuberous sclerosis. *Clin Neuropsychol* 1982;4:26-34.
5. **Miller V**: Taste aversion conditioning and predator control. *J North Amer Wolf Society* 1983;8:14-27.

6. Spears M, Dobbins J, **Miller V**: Occupational exposures and brain cancer mortality: a preliminary study of East Texas residents. *Amer J Industrial Med* 1988;13:629-638.
7. Donofrio P, Stanton C, **Miller VS**, Oestreich L, Lefkowitz DS, Walker FO, Ely W: Demyelinating polyneuropathy in eosinophilia-myalgia syndrome. *Muscle & Nerve* 1992;15:796-805.
8. **Miller V**: Craniocervical myelopathy associated with Haemophilus influenzae: MRI findings. *Neurology* 1992;42:121-122.
9. **Miller V**, Roach ES: Embolization and radiosurgical treatment of cerebral arteriovenous malformations. *Int Pediatr* 1992;7:173-180.
10. **Miller V**: Pharmacologic management of neonatal cerebral ischemia and hemorrhage: Old and new directions. *J Child Neurol* 1993;8:7-18.
11. **Miller V**, Delgado M, Iannaccone S: Neonatal hypotonia. *Semin Neurol* 1993;13:73-83.
12. **Miller V**, Zweiner RJ, Fielman BA. Interferon-associated refractory status epilepticus. *Pediatr* 1994;93:511-512.
13. **Miller V**, Packard AM. Cerebral resuscitation. In D. Levin and F. Morriss (eds.), *Essentials of Pediatric Intensive Care*, 2nd ed., St. Louis: Quality Medical Publishing, 1997.
14. **Miller V**. Metabolic encephalopathy. In D. Levin and F. Morriss (eds.), *Essentials of Pediatric Intensive Care*, 2nd ed., St. Louis: Quality Medical Publishing, 1997.
15. **Miller V**, Singh B, Farrell, M. Brain death. In D. Levin and F. Morriss (eds.), *Essentials of Pediatric Intensive Care*, 2nd ed., St. Louis: Quality Medical Publishing, 1997.
16. Sparagana S, **Miller VS**, Roach ES. Disorders of consciousness. In D. Levin and F. Morriss (eds.), *Essentials of Pediatric Intensive Care*, 2nd ed., St. Louis: Quality Medical Publishing, 1997.
17. **Miller VS**. Neurology of the Newborn. In R. Rosenberg and D. Pleasure (eds.), *Comprehensive Neurology*, 2nd ed., New York: Wiley Press, 1998.
18. **Miller VS**. Cerebrovascular causes of cerebral palsy. In G. Miller and G. Clark (eds.), *The Cerebral Palsies*, Newton, MA: Butterworth-Heinemann, 1998.
19. Packard AM, **Miller VS**. Schizencephaly: Clinical and radiographic features, *Neurol* 1997;48:1427-1434.
20. **Miller VS**, Packard AM. Paroxysmal downgaze in term newborn infants. *J Child Neurol* 1998;13:294-295.
21. **Miller VS**, Roach ES. Neurocutaneous disorders. In *Neurology in Clinical Practice*, Ed. by Bradley, W.G., Daroff, R.B., Fenichel, G.M., and Marsden, C.D. Butterworth Heinemann, 2000.
22. **Miller VS**. Hypertonia, hyperreflexia, and excessive startle response in a neonate. In *Semin Pediatr Neurol*, 1999;6:158-163.
23. Torres OA, **Miller VS**, Hyland K, Buist NRM. Folinic acid-responsive intractable neonatal seizures associated with an unidentified CSF compound. *J Child Neurol*. 1999 Aug;14(8):529-32.
24. Quintero-Del Rio AI, **Miller VS**. Neurologic symptoms in children with systemic lupus erythematosus. *J Child Neurol*. 2000 Dec;15(12):803-7.
25. **Miller VS**. Neonatal cerebral infarction. *Semin Pediatr Neurol*, 2000;7:278-288.
26. Kern JK, **Miller VS**, Cauller PL, Kendall PR, Mehta PJ, Dodd M. Effectiveness of N,N-dimethylglycine in autism and pervasive developmental disorder. *J Child Neurol*. 2001 Mar;16(3):169-73.
27. Simon EM, Hevner R, Pinter JD, Clegg NJ, **Miller VS**, Kinsman SL, Hahn JS, Barkovich AJ. Assessment of the deep gray nuclei in holoprosencephaly. *AJNR* 2000 Nov-Dec;21(10):1955-61.

28. Plawner LL, Delgado MR, **Miller VS**, et al. Neuroanatomy of holoprosencephaly as predictor of function. *Neurol*. 2002;59:1058-1066.
29. Waugh JL, **Miller VS**, Chudnow RS, Dowling MM. Juvenile Huntington disease exacerbated by methylphenidate: case report. *J Child Neurol*. 2008 Jul;23(7):807-9.
30. Nguyen N, Nguyen J, Chang R, Nguyen, Chudnow R, Riela A, So G, Mireles P, Miller VS. Effects of EPA enriched phosphatidylserine-omega-3 (Vayarin) on epileptic children with symptoms of ADHD . American Epilepsy Society, Dec. 12, 2013, Washington DC

#### **Books:**

1. Roach ES, **Miller VS**, (eds). *Neurocutaneous Disorders*, Cambridge University Press, 2003.

#### **Abstracts:**

1. **Miller V**, Oestreich L, Donofrio P, Walker F, Stanton C: Demyelinating polyneuropathy associated with eosinophilia-myalgia syndrome. *Electroencephalogr Clin Neurophysiol* 1991;79:5.
2. Singh B, Shahwan SA, **Miller V**, Riela AR: Use of botulinum toxin for adductor spasticity in cerebral palsy. *Ann Neurol* 1994;36:513.
3. **Miller V**, Anderson L, Riela AR, Singh B: Nonconvulsive status epilepticus in children. *Ann Neurol* 1994;36:545.
4. **Miller V**, Iannacone S, Lennon V: Progressive cerebellar ataxia in a child lacking evident neoplasm with seropositivity for Type 1 Anti-neuronal nuclear antibody (ANNA-1, a.k.a. "anti-Hu") and Anti-N-Type voltage-gated Ca<sup>2+</sup> channel (VGCC) antibody. *Neurol* 1994;44:A209-A210.
5. **Miller V**, Brower MC: Neonatal electrographic seizures. *Pediatr Res* 1994;35:383A.
6. **Miller V**, Packard AM. Paroxysmal tonic downgaze in term neonates: Benign maturational delay. *Pediatr Res* 1995.
7. Perlman J, **Miller V**. Can infants at highest risk for hypoxic ischemic cerebral injury be identified by markers of perinatal distress? *Pediatr Res* 1994;35:385A.
8. Packard AM, **Miller VS**, Delgado M. Schizencephaly: Clinical and radiologic features. *Neurol* 1995;45:A161-A162.
9. Singh B, Byun J-I, **Miller VS**, Riela AR. Incidence of photic stimulation in pediatric EEG. *Epilepsia* 1995;36:110.
10. Levandowski GI, **Miller VS**, Sommerauer JF. The behavioral and neurophysiologic responses to flumazenil in children with acute fulminant hepatic failure and hepatic encephalopathy. *Liver Transplantation & Surgery* 1995.
11. Mimbela RA, Iannacone ST, **Miller VS**, Burns DK, Mize C. Myotubular myopathy and presumptive fatty acid oxidation defect in a newborn. *J Child Neurol* 1996;11:151.
12. Torres OA, **Miller VS**, Hyland K, Buist NRM. Folinic acid-responsive intractable neonatal seizures associated with an unidentified CSF compound. *Ann Neurol* 1996;40:319.
13. Packard AM, **Miller VS**. Hyperekplexia: A startling cause of the jittery baby. *Neurol* 1997;48:A392.
14. Phillips S, **Miller VS**. Ictal EEG and neurologic outcome in children with nonconvulsive status epilepticus. *Epilepsia*, 1997.

15. Quintero A, **Miller VS**. Neurologic complications of systemic lupus erythematosus in children. *Ann Neurol* 1999;46:540.
16. Mohammadie S, Riela A, Chudnow R, So Gerald, Miller VS. Felbamate in intractable pediatric epilepsy, *J. Pediatr. Epil.* 2:131-35. 2013.

#### INVITED PRESENTATIONS:

1. *Hypotonia in infancy*. Dallas-Monterrey Medical Meeting, Monterrey, Mexico, June 1992.
2. *Discussing bad news with parents*. Pediatrics and the New Morbidities, Dallas, TX, May 1993.
3. *Neonatal seizures, and Stroke in children*. Department of Pediatrics, Keesler Air Force Base, Biloxi, MS, May 25-26,1994.
4. *Late effects of head injury in children*. American Academy of Pediatrics, Dallas, TX, Oct. 26,1994.
5. *Case studies in pediatric neurology*, Faculty, Dinner seminar, American Academy of Neurology, Seattle, WA, May 6, 1995, March 23, 1996.
6. *Cerebral palsy and learning disabilities*. Learning Disabilities Association annual meeting, Dallas, TX, Mar 7, 1996.
7. *Metabolic disorders of the newborn, and Congenital CNS infections*, Fifth Annual Mexican Pediatric Neurology Society meeting, Queretaro, Mexico, May 11-15,1996.
8. Neurology of the Newborn, Faculty, *Pediatric Neurology*, All-day course at the American Academy of Neurology, Boston, MA, April 18, 1997.
9. Neurology of the Newborn, Faculty, *Pediatric Neurology*, All-day course at the American Academy of Neurology, Minneapolis, MN April 26, 1998.
10. Neurology of the Newborn, Faculty, *Pediatric Neurology*, All-day course at the American Academy of Neurology, Minneapolis, MN April 26, 1999.
11. Neurology of the Newborn, Faculty, *Pediatric Neurology*, All-day course at the American Academy of Neurology, San Diego, CA May 5, 2000.
12. Visual Diagnosis in Child Neurology, course at the American Academy of Neurology, San Diego, CA May 5, 2000.
13. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, Minneapolis, MN, June 25, 2004.
14. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, San Diego CA, June 23, 2006.
15. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, Orlando, FL, June 23, 2008.
16. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, Chicago, IL, June 23, 2010.
17. Neonatal Seizure Syndromes - Connecting the Synapses: Updates in Neuroscience, Irving, Texas, August 6, 2011.
18. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, Orlando FL, June 23, 2013.
19. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, Chicago, IL, June 23, 2015.
20. Neurologic aspects of Lowe syndrome. International Lowe syndrome meeting, San Diego CA, June 23, 2017.

Miscellaneous Awards

2005 - *Texas Monthly* Superdoctor

2006 - *Texas Monthly* Superdoctor

2007 - *Texas Monthly* Superdoctor

rev 1/2/2023

2008 - *Texas Monthly* Superdoctor

2009 - America's Top Physicians