

Stephen L. Nelson, Jr., MD, PhD, FAAP

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PROFILE

Dual board certified child neurologist with over 15 years of experience in pediatric neurology and pediatrics. Expert witness, educator, and consultant in the field of child neurology.

CURRENT APPOINTMENTS

Director, Pediatric Neurology

Director, Pediatric Neurodiagnostics

Tulane Medical Center, New Orleans, LA

Tulane-Lakeside Hospital, Metairie, LA

Associate Professor of Pediatrics, Neurology, Neurosurgery, and Psychiatry

Director, Pediatric Neurology Clerkship

Tulane University School of Medicine, New Orleans, LA

Medical Director, Tulane Center for Autism & Related Disorders

Tulane University School of Medicine, New Orleans, LA

Co-Director, Tulane NeuroGenetics Center

Tulane University School of Medicine, New Orleans, LA

Pediatric Neurologist

Women's and Children's Hospital, Lafayette, LA

Pediatric Neurologist

Ocean Springs Hospital, Ocean Springs, MS

Assistant Professor of Pediatrics, Neurology, and Psychiatry

Uniformed Services University of Health Sciences (USUHS), Bethesda, MD

BOARD CERTIFICATION

Board Certified in Neurology with Special Qualification in Child Neurology

American Board of Psychiatry and Neurology (ABPN); Cert #11661 (2008 - 2018)

Board Certified in General Pediatrics

American Board of Pediatrics (ABP); Cert #79042 (2003); Recertified for 2013 - 2023

LICENSURE

Current and Unrestricted

State of Mississippi - 19921 (Expires 6/30/2017)

State of Louisiana - MD201697 (Expires 9/30/2017)

State of Maryland - D71165 (Expires 9/30/2017)

TRAINING AND EDUCATION

2004 - 2007 Child Neurology Fellowship
Stanford University School of Medicine, Stanford, CA

2000 - 2003 Pediatrics Internship and Residency
Wilford Hall Medical Center, Lackland AFB, TX

1996 - 2000 MD
University of California, San Diego

1991 - 1996 PhD, Biomedical Sciences
University of California, Riverside

1986 - 1990 BS, Biology (Summa cum laude)
California Polytechnic University, Pomona, CA

CLINICAL APPOINTMENTS HISTORY

2016 - Present Medical Director, Tulane Center for Autism and Related Disorders
Tulane University School of Medicine, New Orleans, LA

2016 - Present Co-Director, Tulane NeuroGenetics Center
Tulane University School of Medicine, New Orleans, LA

2014 - Present Director, Pediatric Neurology
Director, Pediatric Neurodiagnostics
Tulane Medical Center, New Orleans, LA
Tulane-Lakeside Hospital, Metairie, LA

2013 - Present Pediatric Neurologist
Women's and Children's Hospital, Lafayette, LA

2009 - Present Pediatric Neurologist
Ocean Springs Hospital, Ocean Springs, MS

2007 - 2013 Pediatric Neurologist
Pediatric Emergency Medicine Physician
Tulane Medical Center, New Orleans, LA

2012 - 2013 Pediatric Emergency Medicine Physician
Holy Cross Hospital, Silver Springs, MD

2010 - 2013 Pediatric Neurologist
Walter Reed National Military Medical Center, Bethesda, MD

2010 - 2013 Pediatric Emergency Medicine Physician
Shady Grove Adventist Hospital, Rockville, MD

2010 - 2013 Pediatric Emergency Medicine Physician
Sinai Hospital, Baltimore, MD

2009 - 2010 Pediatric Neurologist
Gulfport Memorial Hospital, Gulfport, MS

2007 - 2010 Chief, Pediatric Neurology / Deputy Chief of Staff
Keesler Medical Center, Keesler AFB Biloxi, MS

2007 - 2010 Pediatric Neurologist
Eglin Hospital, Eglin AFB Destin, FL
Naval Hospital Pensacola, FL

2008 Commander, Medical Readiness Training Exercise
Ecuador

2004 - 2007 Disability Physician
Health Analysis Concord, CA

2004 - 2007 Staff Pediatrician, Urgent Care
Santa Clara Valley Medical Center, San Jose, CA

2003 - 2004 Staff Pediatrician / Chief, Disaster Team
Los Angeles AFB Clinic, El Segundo, CA

ACADEMIC APPOINTMENTS HISTORY

2016 - Present Faculty/Advisor, Neuroscience Program
Tulane University School of Science and Engineering

2014 - Present Associate Professor, Pediatrics, Neurology, Neurosurgery, and Psychiatry
Director, Pediatric Neurology Clerkship
Tulane University School of Medicine, New Orleans, LA

2008 - Present Assistant Professor of Pediatrics, Neurology, and Psychiatry
Uniformed Services University of Health Sciences, Bethesda, MD

2007 - 2013 Assistant Professor of Pediatrics
Tulane University School of Medicine, New Orleans, LA

2010 - 2013 Program Director, Child Neurology Fellowship
National Capital Consortium (NCC), Bethesda, MD

Field Grade Officer of the Quarter, 81st Medical Group, 2008
USAF Liaison, Stanford Medical Center, 2005-2007
USAF Meritorious Service Medal, 2004
USAF Scientific Achievement Award, 2004
USAF Scientific Achievement Award, 2003
Semi-finalist, Howard Johnson Research Achievement Award, USPS, AAP, 2004
Semi-finalist, Howard Johnson Research Achievement Award, USPS, AAP, 2003
Southern Society for Research Travel Award, 2003
USAF Achievement Medal, 2003
Distinguished Graduate, Commissioned Officer Training School, USAF, 2000
Outstanding Teaching Assistant of the Year, University of California Riverside, 1995
Outstanding Graduate Student of the Year, University of California Riverside, 1995
Radiation Research Society Travel Award, 1995, 1994
Environmental Mutagen Society Travel Award, 1995, 1994
Graduate Student Council Travel Award, University of California Riverside, 1993-1996
Outstanding Army ROTC Cadet of the Year, Cal Poly Pomona, 1988

INVITED PRESENTATIONS

Treatment of Intractable Seizures in Children, Neurology Grand Rounds, Tulane, pending 1/17
Neonatal Neurology, Pediatrics Grand Rounds, Tulane Univ, New Orleans, LA, pending 10/16
Acute Ataxia in Children, Red River Potpourri, American Academy of Pediatrics Annual Meeting, Louisiana Chapter, Shreveport, LA, 8/16
Pediatric Neurological Emergencies, Neurosurgery Grand Rounds, Tulane University, 7/16
Paroxysmal Events in Children, Tulane Pediatrics Community Talks Series, Metairie, LA, 5/16
So You Want To Be A Child Neurologist?, Tulane-Louisiana State University (LSU) Career Day, Children's Hospital of New Orleans, 5/16
Genetics of Epilepsy, Hayward Genetics Symposium, New Orleans, LA, 4/16
Genetics of Epilepsy, Southern Pediatric Neurology Society Annual Meeting, New Orleans, LA, 3/16
Pediatric Epilepsy, Neurology Grand Rounds, Tulane University, New Orleans, LA, 2/16
Childhood Epilepsy, Psychiatry Grand Rounds, Tulane University, New Orleans, LA, 11/15
Genetics in Epilepsy, Pediatrics Grand Rounds, Tulane University, New Orleans, LA, 9/15
School Failure, Saturday Pediatrics Series, Tulane University, New Orleans, LA, 6/15

Autism and Developmental Delay, Pediatric Jambalaya, Woman's Foundation and Acadiana Pediatric Society Spring CME, Lafayette, LA, 4/15

Autism/Developmental Delay, Neurology Grand Rounds, Tulane University, New Orleans, 4/15

Pediatric Neurology Emergencies, Emergency Medicine Grand Rounds, Mount Sinai Medical Center, South Beach, FL, 3/15

Child Neurology as a Career, Tulane-LSU Career Day, Children's Hospital New Orleans, 2/15

Status Epilepticus in the ER, Pediatric Acute Care Conference, New Orleans, LA, 11/14

Acute Ataxia in Children, Pediatrics Grand Rounds, Tulane University, New Orleans, LA, 9/14

Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections, Red Stick Potpourri, American Academy of Pediatrics Annual Meeting, Louisiana Chapter, Baton Rouge, LA, 8/14

Concussion in Children, Pediatric Potpourri on the Bayou, American Academy of Pediatrics Annual Meeting, Louisiana Chapter, Lafayette, LA, 9/13

Developmental Delay, Pediatrics Interest Group, University of Maryland Medical Center, Baltimore, MD, 8/13

Seizures in Children, Grand Rounds, Acadiana Pediatric Society, Lafayette, LA, 8/13

Seizures in Children, Saturday Pediatrics Series, Tulane University, New Orleans, LA, 6/13

Traumatic Brain Injury in Kids, Defense and Veterans Brain Injury Center, Bethesda, MD, 5/13

Headaches in Pediatrics, Pediatrics Grand Rounds, Tulane University, New Orleans, LA, 2/13

Acute Ataxia in Children, Pediatrics Department, Naval Medical Center, Portsmouth, VA, 2/13

Epilepsy in Children, Neurology Grand Rounds, VA Hospital, Washington DC, 10/12

Headaches in Children, Pediatrics Department, Naval Medical Center, Portsmouth, VA, 8/12

Seizures in Children, Emergency Medicine, Holy Cross Hospital, Silver Springs, MD, 8/12

Epilepsy Syndromes, Pediatrics Department, Sinai Hospital, Baltimore, MD, 7/12

Strokes in Neonates/Children, MEP CME Meeting, Shady Grove Hospital, Rockville, MD, 6/12

New World Seizure & Psychiatry Treatments, MEP CME Meeting, Shady Grove Hospital, 6/12

How to Perform an LP, Pediatrics Dept, University of Maryland Medical Center, Baltimore, 3/12

Pediatric Headaches, Saturday Pediatrics Series, Tulane University, New Orleans, LA, 12/11

Pediatric Neurological Emergencies, Shady Grove Hospital Mid-Level Provider Course, 11/11

How to Perform an LP, Pediatrics Department, University of MD Med Center, Baltimore, 10/11

Life in Medicine, Pre-Med Interest Group, University of Maryland, College Park, MD, 10/11

Neurological Emergencies, Emergency Medicine Grand Rounds, Mount Sinai Medical Center, South Beach, FL, 9/11

Developmental Delay, Pediatrics Grand Rounds, Tulane University, New Orleans, LA, 8/11

Developmental Delay, Neurology Grand Rounds, USUHS, Bethesda, MD, 8/11

Neonatal Seizures, Neonatology Fellowship Lecture Series, USUHS, Bethesda, MD, 8/11

Acute Ataxia, Pediatrics Grand Rounds, USUHS, Bethesda, MD, 7/11

Life in Medicine, Medical Student Interest Group, University of Maryland, Baltimore, MD, 5/11

How to Become a Child Neurologist, Pediatric Interest Group, USUHS, Bethesda, MD, 3/11

Pediatric Seizures and Seizure Disorders, American Academy of Pediatrics Annual Meeting, Uniformed Services Pediatric Section, Washington, DC, 3/11

Headaches in Children, American Academy of Pediatrics Annual Meeting, Uniformed Services Pediatric Section, Washington, DC, 3/11

Developmental Delays, American Academy of Pediatrics Annual Meeting, Uniformed Services Pediatric Section, Washington, DC, 3/11

Child Neurology for the Pediatrician Workshop, Academic Pediatric Association Meeting, Fredericksburg, VA, 2/11

Developmental Delay, Pediatrics Grand Rounds, Tulane University, New Orleans, LA, 2/11

Neurological Emergencies, Neurology Grand Rounds, Tulane University, New Orleans, 2/11

Child Neurology for the Adult Neurologist, Neurology Grand Rounds, Louisiana State University School of Medicine, New Orleans, LA, 2/11

Headaches in Children, Pediatrics Grand Rounds, Keesler Med Center, Keesler AFB, MS, 6/10

Neurology for Family Practitioners, Family Medicine Grand Rounds, Eglin Hospital, Eglin AFB FL, 2/10

Neurological Emergencies, Internal Medicine Grand Rounds, Gulfport Memorial Hospital, Gulfport, MS, 12/09

Neurological Emergencies, Internal Medicine Grand Rounds, Keesler Medical Center, 6/09

Neurological Disorders in Children, Family Medicine Grand Rounds, Eglin Hospital, 3/09

Autism, Updates & Controversies in Pediatrics Conference, Tulane University, 12/08

Pediatric Seizures, Primary Care Conference, Naval Hospital Pensacola, FL, 4/08

Pediatric Headaches, Primary Care Conference, Naval Hospital Pensacola, FL, 4/08

Obstructive Sleep Apnea, Neurology Grand Rounds, Stanford University, Stanford, CA, 6/07

Infantile Spasms, Neurology Grand Rounds, Stanford University, Stanford, CA, 3/06

Military Medicine as a Career, Health Professions Scholarship Program, Air Force Recruitment events, annually 2004 - 2007

TEACHING ACTIVITIES/EXPERIENCE

Pediatrics, Neurology, and Child Psychiatry resident teaching series, Tulane, 2014 - Present

Pediatrics and Neurology medical school teaching curriculum, Tulane, 2014 - Present

Pediatric Case-Based Interactive Learnings Sessions, USUHS, 2011 - 2013

Pediatric Neurology for the Child Psychiatrist Lecture Series, WRNMMC, 2012 - 2013

Military Medical Practice, Lead Instructor, USUHS, Ocular Trauma, 2013

Neuroanatomy Instructor, Department of Anatomy, USUHS, 2011 - 2013

Program Director, Child Neurology Fellowship, National Capital Consortium, 2010 - 2013

Weekly child neurology lectures for Neurology trainees at WRNMMC

Education/training of Child Neurology Fellows, Adult Neurology Residents

Director, Child Neurology; Deputy Director, Neurology Education, USUHS, 2010-2013

Monthly case-based sessions with medical students on Neurology

Preceptor for medical students on the ward and in clinic for Child Neurology

ICM and ICR Instructor (MS I, II), Neurology, Child Neurology, Pediatrics, USUHS, 2010 - 2013

PALS Instructor, Walter Reed National Military Medical Center (WRNMMC), 2010 - 2013

Neurology topics, Pediatric Residency Lecture Series, National Capital Consortium (USUHS and WRNMMC), 2010 - 2013

Neurology topics, Family Medicine Residency Lecture Series, Eglin AFB, FL, 2008 - 2010

Neurology topics, Internal Medicine Residency Lecture Series, Keesler AFB, MS, 2007 - 2010

Neuroanatomy and Neurology lectures, Stanford University School of Medicine, 2006 - 2007

EDITORIAL POSITIONS

Editor, Jacobs Journal of Headache, 2016 - Present

Editor, Medwin Publishers Neurology and Neurotherapy Open Access Journal, 2016 - Present

Editor Madridge Journal of Case Reports and Studies, 2016 - Present

Editor, Journal of Perinatology and Pediatrics, 2016 - Present

Editor, Madridge Journal of Neuroscience, 2015 - Present

Editor, Gavin Journal of Pediatrics, 2015 - Present

Peer Reviewer, Journal of Child Neurology, 2014 - Present

Peer Reviewer, Clinical Pediatrics, 2013 - Present

Peer Reviewer, Medlink, 2010 - Present

Peer Reviewer, Pediatrics, 2007 - Present

Peer Reviewer, Continuum, 2007 - Present

Child Neurology Society Reviewer, Consensus Guidelines, 2007 - Present

Peer Reviewer, The Journal of Pediatrics, 2006 - Present

Peer Reviewer, American Academy of Neurology, Consensus Guidelines, 2006 - Present

PEER-REVIEWED PUBLICATIONS

Akingbola, O; Singh, D; Nelson, S; Frieberg, E. Foreign body ingestion and epileptiform movement disorders. Clin Pediatr. [Submitted Jun 2016]

Lau, M; Singh, D; Ayers, T; Singh, Y; Akingbola, O; Nelson, S. De novo heterogeneous mutations in SCN2A and GRIN2A genes and seizures with ictal vocalizations. Clin Pediatr. Aug 2015. [Epub ahead of print]

Dawson, E; Singh, D; Armstrong, C; Maatouk, O; Akingbola, O; Nelson, S. Asymptomatic mycoplasma infection causing acute demyelinating encephalomyelitis - case report and review of literature. Clin Pediatr. Mar 2015. [Epub ahead of print]

Cody, JT; Valtier, S; Nelson, SL. Amphetamine excretion profile following multidose administration of mixed salt amphetamine preparation. J Anal Toxicol. 2004; 28: 563-74.

Cody, JT; Valtier, S; Nelson, SL. Amphetamine enantiomer excretion profile following administration of adderall. J Anal Toxicol. 2003; 27:485-92.

Analysis of Mutations Induced in Human Cells Exposed to High and Low Doses of Radiation. Copyright 1996. Dissertation for Ph.D. at UCR in Biomedical Sciences.

Grosovsky, AJ; Parks, KK; Giver, CR; Nelson, SL. Clonal analysis of delayed karyotypic abnormalities and gene mutations in radiation-induced genetic instability. *Mol Cell Biol.* 1996; 16:6252-62.

Nelson, SL; Parks, KK; Grosovsky, AJ. Ionizing radiation signature mutations in human cell mutants induced by low-dose exposures. *Mutagenesis.* 1996; 11:275-9.

Giver, CR; Nelson, SL; Cha, MY; Pongsaensook, P; Grosovsky, AJ. Mutational spectrum of X-ray induced TK- human cell mutants. *Carcinogenesis.* 1995; 16:267-75.

Nelson, SL; Jones, IM; Fuscoe, JC; Burkhardt-Schultz, K; Grosovsky, AJ. Mapping the end points of large deletions affecting the *hprt* locus in human peripheral blood cells and cell lines. *Radiat Res.* 1995; 141:2-10.

Nelson, SL; Giver, CR; Grosovsky, AJ. Spectrum of X-ray-induced mutations in the human *hprt* gene. *Carcinogenesis.* 1994; 15:495-502.

Giver, CR; Nelson, SL; Grosovsky, AJ. Spectrum of spontaneous HPRT- mutations in TK6 human lymphoblasts. *Environ Mol Mutagen.* 1993; 22:138-46.

INVITED PUBLICATIONS

Nelson SL. Free and total carnitine. Medscape. Updated 11/15.
Available at <http://emedicine.medscape.com>

Nelson SL. Megalencephaly. Medlink. Updated 10/15.
Available at: <http://www.medlink.com/>

Nelson SL. Tethered spinal cord. Medlink. Updated 5/15.
Available at: <http://www.medlink.com/>

Nelson SL. Acute cerebellar ataxia. Medlink. Updated 1/15.
Available at: <http://www.medlink.com/medlinkcontent.asp>

Nelson SL. Developmental coordination disorder. Medscape. Updated 1/15.
Available at: <http://emedicine.medscape.com>

Nelson SL. Extracerebral fluid collections in infants. Medlink. Updated 1/15.
Available at: <http://www.medlink.com/>

Nelson SL. Hydrocephalus. Medscape. Updated 8/13.
Available at: <http://emedicine.medscape.com>

Nelson SL. Frontal lobe syndromes. Medscape. Updated 8/13.
Available at: <http://emedicine.medscape.com>

Nelson SL. Split cord malformation. Medlink. Updated 1/13.
Available at: <http://www.medlink.com/>

Nelson SL. Seizure presenting in childhood. Medlink. Updated 12/12.
Available at: <http://www.medlink.com/>

Nelson SL. Megalencephaly. Medlink. Updated 9/12.
Available at: <http://www.medlink.com/>

Smart J, Nelson S, Doherty J. Planning a Life in Medicine. The Princeton Review, Random House, 2005.

Co-author, Biology MCAT Notes and Passages. The Princeton Review, 1998.

Co-author, Biology MCAT Notes and Passages. HyperLearning, 1996.

ABSTRACTS

Nelson, SL. Genetics of Epilepsy. SPNS, 2016.

Ewers E, Nelson SL, Stagliano D. Bannwarth's Syndrome: A Unique Presentation
Neuroborreliosis in an Adolescent Patient. USPS, AAP, 2013.

Lozada LE, Nylund CM, Gorman GH, Eide M, Eberly MD, Hisle-Gorman E, Goudie A, Nelson SL, Erdie-Lalena C, Huillet A, Kuehn D. Neonatal Hyperbilirubinemia as a Risk Factor for Autism Spectrum Disorder, a Retrospective Cohort Study. USPS, AAP, 2013.

Nelson SL. Acute LSD Intoxication in Two Patients from Breath Spray: Case Presentation to Illustrate Approach to Children with Altered Mental Status. SPR, 2011.

Cody, JT; Valtier, S; Nelson, SL. Amphetamine excretion profile following multidose administration of mixed salt amphetamine preparation. USPS, AAP, 2003.

Cody, JT; Valtier, S; Nelson, SL. Amphetamine enantiomer excretion profile following administration of adderall. USPS, AAP, 2002.

>20 additional abstracts not listed