

# **DAVID EDWARD STICKLER, MD**

Clinical Trials of South Carolina  
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## **Education**

1990-1994 Florida Institute of Technology , Melbourne, FL  
B.S. Electrical Engineering

1995-1999 West Virginia University, Morgantown, WV  
MD

## **Residency**

1999 – 2000 Internal Medicine Internship  
University of Florida, Gainesville FL

2000-2003 Neurology Residency  
University of Florida, Gainesville FL

2002-2003 Neurology Residency – Chief Resident  
University of Florida, Gainesville FL

2003-2004 Clinical Neurophysiology Fellowship  
Duke University Medical Center, Durham, North Carolina

2004-2005 Advanced Fellowship in Neuromuscular Diseases  
Duke University Medical Center, Durham, North Carolina

## **Professional Experience**

2014-Present Neurology Specialists of Charleston and Clinical Trials of South Carolina  
*Physician / Principal Investigator*

2005-2014 Medical University of South Carolina, Department of Neurosciences

## **Academic Appointments**

2005-2014 Medical University of South Carolina, Department of Neurosciences  
2011-2014 *Associate Professor*  
*Director, Electromyography Laboratory*  
*Director, MUSC Neuromuscular Service*  
*Director, MUSC MDA Clinic*  
*Founder and Co-Director, MUSC ALS Clinic*

2005-2011 *Assistant Professor*

## **Licensures and Certifications**

Board Certified, American Board of Psychiatry and Neurology: Neurology (2005- Present) and Neuromuscular Medicine (2011- Present)

Board Certified, American Board of Electrodiagnostic Medicine

## **Relevant Affiliations**

American Academy of Neurology

American Association of Neuromuscular and Electrodiagnostic Medicine

*Fellow Member*

*Junior Member Recognition Award-2005*

*Monograph Review Committee-2005-2008*

*Workshop Committee-2008-2011*

## **Awards**

MUSC Excellence in Faculty Teaching Award, 2007, 2008, 2010

MUSC College of Medicine, Teacher of the Month Nomination, February 2010

MUSC College of Medicine, Faculty Excellence Award Nomination, 2010

## **Publications**

A.M. Malek, D.E. Stickler, V.C. Antao, D.K. Horton. The National ALS Registry: a recruitment tool for research. *Muscle Nerve*. 2014 Nov;50(5):830-4

M.F. Wood, S.C. Hughes, L.P; Hache, E.W. Naylor, H.Z. Abdel-Hamid, M.M. Barmada, S.F. Dobrowolski, D.E. Stickler, P.R. Clemens. Parental attitudes toward newborn screening for Duchenne/Becker muscular dystrophy and spinal muscular atrophy. *Muscle Nerve*. 2014 Jun;49(6):822-8

J. Madey, A. Price, J. Dobson MD, D. Stickler, D. McSwain. Facial diplegia, pharyngeal paralysis and ophthalmoplegia after canebrake rattlesnake envenomation. *Pediatric Emergency Care*. 2013. (In Press)

Smith,C.E, Stickler D.E. A collaborative approach to myasthenia gravis. *The Clinical Advisor*. December 2012

D.E. Stickler, J.R. Royer, J.W. Hardin. Accuracy and Usefulness of ICD-10 Death Certificate Coding for the Identification of Patients with ALS: Results from the South Carolina ALS Surveillance Pilot Project. *Amyotroph Lateral Scler*. 2012: 1;69-73

D.E. Stickler, J.R. Royer, J.W. Hardin. Validity of Hospital Discharge Data Identifying Cases of Amyotrophic Lateral Sclerosis. *Muscle Nerve*. 2011;44; 814-6

Nozaki K., Silver R.M., Stickler D.E., Abou-Fayssal N.G., Giglio P., Kamen D.L., Daniel R., Judson M.A. Neurological deficits during treatment with tumor necrosis factor-alpha antagonists. *Am J Med Sci*. 2011;342;352-5

D. Selcen, J.C. Juel, L.D. Hobson-Webb, E.C. Smith, D.E. Stickler, A.V. Bite, K. Ohno, A.G. Engel. Myasthenic Syndrome Caused by Plectinopathy. *Neurology*. 2011: 76;327-36.

V.K. Nwosu, J.R. Royer, D.E. Stickler. Voltage gated potassium channel antibodies in amyotrophic lateral sclerosis. *Amyotroph Lateral Scler* 2010: 11;392-4.

P.S. Chavis, D.E. Stickler, A. Walker. Immunosuppressive v. surgical treatment for ocular myasthenia gravis. *Arch Neurol* 2007;64; 1792-1794.

D.E. Stickler, J. Kurent. Clearing the Airways: Managing respiratory secretions is critical for patients with ALS. *Advance for Managers of Respiratory Care*. 2007;16:65-66.

D.E. Stickler, L.L. Stickler. Single Fiber Electromyography During Menstrual Exacerbation and Ovulatory Suppression in MuSK Antibody Positive Myasthenia Gravis. *Muscle and Nerve* 2007;35:808-11.

### **Publications (continued)**

A. Patel, D. E. Stickler, W. Tyor. Neurosarcoidosis. *Curr Treat Options Neurol* 2007;9:161-8

D.E. Stickler, K. Morley, E. Massey. Sural Neuropathy: Etiologies and Predisposing Factors. *Muscle and Nerve* 2006; 34: 482-4

D.E. Stickler, L.L. Stickler. Menstrual fluctuation with Jitter Correlate in MuSK Antibody-Positive Myasthenia Gravis. *Clinical Neurophysiology* 2006; S123.

D.E. Stickler, E. Valenstein, P. Carney, R. Neiberger, L. Perkins, D. Theriaque, J. Shuster, P. Stacpoole, Peripheral Neuropathy in Genetic Mitochondrial Diseases. *Pediatric Neurology* 2006; 34:127-131.

D.E. Stickler, J. Massey, D. Sanders. MuSK-antibody myasthenia gravis: Clinical and electrodiagnostic patterns. *Clin Neurophysiol*. 2005 Sep;116(9):2065-8.

D.E. Stickler, J. Rosenbek, R. Gilmore, N. Donovan. Dysphagia with Bilateral Lesions of the Insular Cortex. *Dysphagia* 2003;18:179-181.

D. Stickler, P. Carney, E. Valenstein. Juvenile Onset Leigh Syndrome with Acute Neuropathy at Presentation. *Journal of Child Neurology* 2003;18:574-576.

### **Abstracts and Presentations**

K Karwa, A. Malek, D. Stickler Diaphragm Ultrasound: A Potential Outcome Measure in Amyotrophic Lateral Sclerosis. Annual Meeting of the American Academy of Neurology, 2015.

A. Malek, D.E. Stickler et al. Urban/Rural Differences in Amyotrophic Lateral Sclerosis (ALS) Hospitalizations. International Society for Environmental Epidemiology Conference. August 2012, Columbia, SC.

A. Malek, D.E. Stickler et al. The Effects of Hazardous Air Pollutants by Place of Residence and Risk of Amyotrophic Lateral, International Society for Environmental Epidemiology Conference. August 2012, Columbia, SC.

D. E. Stickler. Changes in Caregiver Burden in Amyotrophic Lateral Sclerosis, 10th Annual Meeting of the North Eastern ALS Consortium, October 27th 2011.

V. Juel, L. Hobson-Webb, E. Smith, D. Stickler, D. Selcen, A. Engle. Fatal Muscular Dystrophy, Congenital Myasthenic Syndrome, and Epidermolysis Bullosa Simplex Due to Plectin Deficiency. Platform Presentation and the 62nd AAN Annual Meeting, April 13, 2010.

D.E. Stickler, J. Royer. Amyotrophic Lateral Sclerosis in South Carolina: Update on the South Carolina Pilot Project. Amyotrophic Lateral Sclerosis and Multiple Sclerosis Surveillance Annual Meeting, CDC, Atlanta, GA, June 2009.

D.E. Stickler. Voltage gated potassium channel antibodies in motor neuron disease. Abstract presentation at the 2007 American Association of Neuromuscular and Electrodiagnostic Medicine Annual Meeting. Phoenix, AZ. October 2007.

D.E. Stickler, L. Stickler Menstrual fluctuation with jitter correlate in MuSK antibody-positive myasthenia gravis. Abstract Presentation at the 28th International Congress of Clinical Neurophysiology. Edinburgh, Scotland. September 2006.

M. Montalbano, M. Bowman, D. Stickler. Myasthenia Gravis Presenting as Restrictive Lung Disease. Abstract Presentation at the 2006 Annual meeting of the American Academy of Allergy, Asthma, and Immunology.

## **Abstracts and Presentations (continued)**

D.E. Stickler, K. Morley, E. Massey. Sural Neuropathy: Etiologies and predisposing factors. Abstract presentation and the 2005 American Association of Neuromuscular and Electrodiagnostic Medicine meeting.

D.E. Stickler, J. Massey, A. Vincent, D. Sanders. MuSK-Positive MG: Clinical characteristics and response to treatment. Presentation at the 2004 Myasthenia Gravis Foundation of America Scientific Meeting.

D.E. Stickler, E. Valenstein, P. Carney, R. Neiberger, L. Perkins, D. Theriaque, J. Shuster, P. Stacpoole, Peripheral Neuropathy in Genetic Mitochondrial Diseases. Abstract presentation at the 2004 American Academy of Neurology meeting.

D. Stickler, L. Gutmann. Serum Creatine Kinase Levels in Bulbar versus Extremity-Onset Amyotrophic Lateral Sclerosis. Abstract Presentation at 1999 American Association of Electrodiagnostic Medicine meeting.

## **Chapters**

D.E. Stickler, D.B. Sanders. Single Fiber Electromyography. In e-Medicine online textbook of Neurology, 2006. Revision 2008, 2013. (www.emedicine.com)

D.E. Stickler, D.B. Sanders. Lambert Eaton Myasthenic Syndrome. In e-Medicine online textbook of Neurology, 2006. Revision 2008. (www.emedicine.com)

## **Invited Lectures**

D.E. Stickler, Dysphagia and progressive neurological disorders, Charleston Swallowing Conference, Charleston, SC, October 2013

D.E. Stickler, Common myopathies and neuropathies. Neurology for the Primary Care Physician. Charleston, SC, September 2013

D.E. Stickler, Neuromuscular Diseases. 2013 MUSC Neurosciences Spring Symposium. Charleston, SC, April 2013.

D.E. Stickler, The evaluation and management of motor neuron disease. 2011 Annual Meeting of the South Carolina Neurological Association. October 2011

D.E. Stickler. Electrodiagnostic presentations in MuSK antibody-positive myasthenia gravis. 2008 American Association of Neuromuscular and Electrodiagnostic Medicine meeting. Single Fiber Electromyography Interest Group. Providence, RI. October 2008

D.E. Stickler, The floppy infant: Neuromuscular and electrodiagnostic considerations. 6th Annual Pediatric Neuroscience Update. Kiawah Island, SC March 2007.

D.E. Stickler, E.W. Massey. Sural Neuropathy. American Association of Neuromuscular And Electrodiagnostic Medicine Podcast/Webcast. Jan 2007

D.E. Stickler. Evaluation of the electrodiagnostic testing in Myasthenia Gravis. 2005 Association of Neuromuscular and Electrodiagnostic Medicine meeting. Single Fiber Electromyography Interest Group. San Francisco, CA

## **Research-Specific Training**

NIH Clinical Trials Methods Course in Neurology, 2010

## **Clinical Research Experience**

- “A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of XXXX in Patients with Episodic Cluster Headache”  
*Principal Investigator, Feb 2015 - Present*
- Randomized, 16-Week, Multi-Phase, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Tolerability of XXXX as Monotherapy in Subjects with Signs and Symptoms of Osteoarthritis of the Hip or Knee  
*Sub Investigator, 2015 – Present*
- “A Phase 3, Multicenter, Double-blind, Placebo-controlled Randomized Discontinuation Study Followed by an Open-Label Extension Period to Evaluate the Efficacy and Safety of XXX in Patients with Lambert-Eaton Myasthenic Syndrome”  
*Study Site Investigator, 2013 – Present*
- “A randomized, placebo controlled, double blind study to evaluate the efficacy, safety, tolerability and pharmacodynamics of XXX in subjects with Generalized Myasthenia Gravis”  
*Study Site Investigator, 2013 – Present*
- “CDC- ALS Surveillance Program- South Carolina Pilot Project. 2007-2008. Contract 200-2006-16243 from the Agency for Toxic Substances and Disease Registry” - Centers for Disease Control and Prevention (CDC). \$20,000  
*Research Consultant/Co-investigator*
- “Quality of Life and Burden in Caregivers of Patients with Amyotrophic Lateral Sclerosis” – MUSC Department of Neurosciences Grant. \$10,000  
*Principal Investigator, 2010-2011*
- “Parental and Physician Knowledge and Attitudes Towards Newborn Screening Muscular Dystrophy and Spinal Muscular Atrophy. Co-investigator. 2011. National Institute of Child Health and Development (NIH-NICHD-CDBPM-10-15-PS) \$5000.  
*Co-Investigator. 2011*
- “A Trial of Ceftriaxone on Amyotrophic Lateral Sclerosis” The National Institute of Neurological Disorders and Stroke Grant #1 U01 NS049640. \$20,000  
*Study Site Investigator, 2012*
- Diaphragmatic Ultrasound in ALS. MUSC YES Campaign Grant. \$2000  
*Study Site Investigator 2012-2013*
- “Risk Factor Analysis in Amyotrophic Lateral Sclerosis: Investigation of the association of personal risk factors and environmental and occupational exposures and risk of sporadic ALS.” 2012-2013  
*Study Site Investigator, 2012-present*

## **Education Activities and Scientific Programs**

Course Director, Single Fiber EMG and Neuromuscular Junction Physiology Interest Group,  
2008 AANEM Annual Meeting

Grant Reviewer, The Muscular Dystrophy Campaign

## **Education Activities and Scientific Programs (continued)**

Physician Leadership Academy. Medical University of South Carolina 2006, 2007.

ad hoc reviewer, Muscle and Nerve

ad hoc reviewer, Head and Face Medicine

ad hoc reviewer, European Journal of Neurology

ad hoc reviewer, Fertility and Sterility

ad hoc reviewer, Journal of Musculoskeletal Medicine

ad hoc reviewer, British Medical Journal- Point of Care Monograph

ad hoc reviewer, CNS & Neurological Disorders-Drug Targets

ad hoc reviewer, Current Neuropharmacology

## **Speaking Appearances**

International Association of Rehabilitation Professionals 2015

Charleston Brian Injury Awareness Support Group 2015

Roper St. Francis Rehabilitation Center- Brain Injury and Aftermath 2015

North Charleston Multiple Sclerosis Support Group- Oral Treatments for MS 2015