

**Dave F. Clarke, M.D.**  
Department of Neurology  
Dell Medical School  
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## Education

University of West Indies Jamaica, West Indies Medicine Baccalaureate, Baccalaureate of Surgery (MBBS)	Sept 1989 – June 1994
State University of New York Albany, NY Bachelor of Science	Sept 1985 – June 1989

## Postdoctoral Training

Fellowship – Neurophysiology (Sleep and Epilepsy) University of Toronto, Hospital of Sick Children's Toronto Ontario, Canada	July 2001 – June 2003
Fellowship – Child Neurology University of Michigan Medical Center, Ann Arbor Ann Arbor, Michigan	July 1998 – June 2001
Residency – Pediatrics Overlook Hospital, Affiliate of Columbia University College of Physicians and Surgeons Summit, NJ	July 1996 – June 1998
Internship – General Surgery, Obstetrics and Gynecology, Internal Medicine Pediatrics Queen Elizabeth Hospital, Nassau, Bahamas	July 1994 – June 1995

## Certification:

American Board of Psychiatry and Neurology with Special Qualifications:	Diplomat
-Child Neurology	2002 – Present
-Sleep Medicine	2007 – Present
-Epilepsy	2014 – Present
American Board of Clinical Neurophysiology Special Qualifications	Diplomat
-Advance Clinical Neurophysiology with added competence in Epilepsy Monitoring	2006 - Present

**Academic and Leadership Appointments**

Associate Professor of Pediatrics Dell Medical School, University of Texas at Austin Director, Dell Children's Comprehensive Epilepsy Program Dell Children's Medical Center of Central Texas Austin, TX	March 2016 - Present
Associate Professor of Pediatric Neurology University of Texas – Southwest Director, Dell Children's Comprehensive Epilepsy Program Dell Children's Medical Center of Central Texas Austin, TX	Jan 2010 – March 2016
Associate Professor Department of Pediatric Neurology University of Tennessee, Memphis Director of the Epilepsy Monitoring Unit and Neurophysiology Lab Le Bonheur Children’s Medical Center - Memphis, TN	July 2005 – Dec 2009
Assistant Professor Department of Neurology and Pediatrics, University of Texas – Houston Houston, TX	July 2003 – July 2005

**Licensure Information:**

State of Texas	L6832	2010 - Present
Antigua, West Indies		2010 - Present
Tobago, West Indies		2011 - Present
St. Lucia, West Indies	411	2012 - Present
State of Tennessee	39987	2005 – 2010
State of Texas	L6832	2003 - 2005

**Other Relevant Employment and Clinical Activities**

Chair, Clinical Faculty Appointment & Promotion Committee Department of Pediatrics University of Texas at Austin, Dell Medical School Austin, TX	Aug 2016 - Present
Member, Executive Committee of the Department of Pediatrics Department of Pediatrics University of Texas at Austin, Dell Medical School Austin, TX	Aug 2016 - Present
Member, Admission Selection Committee Department of Pediatrics University of Texas at Austin, Dell Medical School	July 2015 - Present

Austin, TX

Director, Dell Children’s Comprehensive Epilepsy Program  
Dell Children’s Medical Center of Central Texas  
Austin, TX  
Jan 2010 – Present

Director, Le Bonheur Comprehensive Epilepsy Program  
Epilepsy Monitoring Unit and Neurophysiology Lab  
Memphis, TN  
Allied Member  
July 2005 – Dec 2009

St. Jude Children’s Research Hospital  
Neurology Division  
Allied Member  
Memphis, TN  
July 2005 – Dec 2009

University of Texas Health Science Center  
Neurology and Pediatrics,  
Texas Comprehensive Epilepsy Program  
Houston, TX  
July 2003 – July 2005

**COMMITTEE RESPONSIBILITIES:**

International

ILAE, Commission on North American Affairs	Elected Official
Epilepsy Society of the Caribbean	Immediate Past-President
Caribbean College of Pediatricians	Member

National

Child Neurology Society	Elected Official
International Affairs Committee	
American Epilepsy Society	SIG Committee
	Pediatric Content Committee
	Q-Pulse
Pediatric Epilepsy Research Consortium	

**Past Committees**

American Epilepsy Society	Scientific Program Committee
	CME Review Committee

**MEMBERSHIP IN SCIENTIFIC SOCIETIES/PROFESSIONAL ORGANIZATIONS:**

American Epilepsy Society	Member
Child Neurology Society	Member
Epilepsy Society of the Caribbean	1 <sup>st</sup> Past President
North American Commission	Board Member
International League Against Epilepsy	Member

**Honors and Awards**

On-Time Doctor Award	2015 - 2016
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Compassionate Doctor Award – 5 Year Honoree	2014 - 2016
Compassionate Doctor Recognition	2010 - 2016
Patients' Choice Award	2008 - 2016
Top 10 Doctor – State	2014
Castle Connolly's Top Doctors™	2012 - 2013
Patients' Choice 5 <sup>th</sup> Anniversary Award	2014 - 2016
Newcomers Awards National Association for the Advancement of Color People (NAACP) Austin, TX	2010
Who's Who in America	2010
Dean's Teaching Excellence Award, University of Texas Health Science Center, Houston, TX	2004 - 2005
Student Humanitarian Award- Hospital for Sick Children University of Toronto - Toronto, Ontario, Canada	2003
Trainee Travel Award – Sleep Research Society Darien, IL	2003
Patient Recognition Award, University of Michigan Hospitals Ann Arbor, MI	1998 - 2000
Graduation with Distinction in Pediatrics Overlook Hospital, Affiliate of Columbia University College of Physicians and Surgeons	1998
Honors in Anatomy – MBBS Stage 1, Part 2 University of the West Indies, Jamaica	1991
Outstanding Leadership Award State University of New York, Albany, NY President, Pan Caribbean Society Organization of the Year	1989
<b>Professional Memberships and Activities with Leadership Positions</b>	2016
Co-Chair, American Epilepsy Society – Global Health SIG Presenter, Regional changes in epilepsy care: Objective, Operations and Engagement Houston, TX	
Conference Director Presenter, Medical Treatment: New Antiepileptic Drugs A Roadmap to Epilepsy: Advances in Care, Innovation and Research Austin, TX	2016
Congress Co-Chair Presenter, Initial Management of Common Focal and Generalized Epilepsy Syndromes and Constellations 5 <sup>th</sup> North American Regional Caribbean Congress On Epilepsy Barbados, West Indies	2016

Faculty International League Against Epilepsy 31 <sup>st</sup> International Epilepsy Congress Young Leaders Program Istanbul, Turkey	2015
President Epilepsy Society of the Caribbean International League Against Epilepsy	2014 – 2016
Elected Official - Board Member North American Commission International League Against Epilepsy	2013 – Present
Advisory Board Member BIT's 6th Annual World Congress on NeuroTalk, 2015 Hangzhou, China	2015
Advisory Board Member BIT's 5 <sup>th</sup> Annual World Congress on NeuroTalk, 2014 Nanjing, China	2014
Congress Co-Chair Presenter, Summary and History of the evolution of the Epilepsy Society of the Caribbean (ESC): Future Endeavors 4 <sup>th</sup> North American Regional Caribbean Congress on Epilepsy St. Lucia, West Indies	2014
Advisory Board Presenter – Epilepsy Surgical workup in the uncooperative child BIT's 3 <sup>rd</sup> Annual World Congress on NeuroTalk, 2012 Beijing, China	2012
Chair Focus on Epilepsy Conference Joint Conference- Seton Family of Healthcare and University of Texas McCombs School of Business Austin, TX	2012
Congress Co-Chair Presenter - Caribbean Epilepsy Update 3 <sup>rd</sup> North American Regional Caribbean Congress on Epilepsy Antigua, West Indies	2012
Advisory Board Member Presenter, Sleep pathology vs. epilepsy: The importance of VEEG in Identifying non-epileptic spells in Children	2011

BIT's 2 <sup>nd</sup> Annual World Congress on NeuroTalk, 2011 Dalian, China	
Congress Co-Chair The Great Pretenders: Epilepsy vs. Non-epileptic Spells 2 <sup>nd</sup> North American Regional Caribbean Congress on Epilepsy Kingston, Jamaica	2010
Chair, Annual Fundamentals of Epilepsy Presenter – Clinical utility of the electroencephalogram: When, Why and how often 63 <sup>rd</sup> American Epilepsy Society Boston, MA	2009
Visiting Professor International League Against Epilepsy Caribbean	2008 – 2013
Co-Chair Le Bonheur Children's Medical Center Annual Greater Mid-South Pediatric Neurology Update Memphis, TN	2006 - 2009
Director Le Bonheur Children's Medical Center Le Bonheur Comprehensive Epilepsy Program Epilepsy Monitoring Unit an Neurophysiology Lab Memphis, TN	2005 - 2009
<b>Development of Curricula and Educational Materials</b>	
5 <sup>th</sup> North American Regional Caribbean Congress on Epilepsy – Co Chair Barbados, West Indies	2016
Fourth North American Regional Caribbean Congress on Epilepsy – Co Chair St. Lucia, West Indies	2014
Third North American Regional Caribbean Congress on Epilepsy – Co Chair Antigua, West Indies	2012
BIT's 3 <sup>rd</sup> Annual Congress of NeuroTalk 2012, Beijing China – Co Chair and Advisory Board Meeting	2012
BIT's 2 <sup>nd</sup> Annual Congress of NeuroTalk 2012, Dalian China – Co Chair and Advisory Board Meeting	2011
Second North American Regional Caribbean Congress on Epilepsy – Co Chair Kingston, Jamaica,	2010

Annual Fundamentals of Epilepsy: Neurophysiology 101 – Chair  
63<sup>rd</sup> American Epilepsy Society Annual Meeting, Boston, MA

2009

### **Current Clinical Research Projects**

#### **CURRENT**

- Dave Clarke (Co -Investigator) 05/02/2016 - Present  
Microdialysis measurements and electrophysiology from the amygdala and hippocampus during tasks.
- Dave Clarke (PI) 05/02/2016 - Present  
A randomized, double-blinded, placebo-controlled study to evaluate the efficacy and safety of Sage 547 injection in the treatment of super-refractory status epilepticus.
- Dave Clarke (PI) 05/02/2016 - Present  
Expanded access to investigational new drug for treatment use: Cannabidiol (CBD) for the treatment of drug resistant epilepsy.
- Dave Clarke (PI) 05/02/2016 - Present  
Musification of EEG/ECOG for seizure recognition and therapy of epilepsy.
- Dave Clarke (PI) 04/28/2016 - Present  
Surgical epilepsy predictors of outcome.
- Dave Clarke (PI) 04/04/2016 - Present  
30-Day Readmission from Epilepsy Monitoring Units.
- Dave Clarke (PI) 04/04/2016 - Present  
A randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of Sage-547 injection in the treatment.
- Dave Clarke (PI) 04/01/2016 - Present  
Evaluation of visualase use in patients with surgically treated epilepsy.
- Dave Clarke (PI) 03/24/2016 - Present  
Seizure control and quality of life in children with epilepsy after vagus nerve stimulator placement, corpus callosotomy or ketogenic diet
- Dave Clarke (PI) 03/17/2016 - Present  
Neurolite and Ceretec Tadio-isotopes: Efficacy in Acquisition of subtraction SPECTS and their localizing value in defining the epileptogenic focus.
- Dave Clarke (Co Investigator) 01/11/2016 - Present  
Neuropsychological functioning in pediatric epilepsy.
- Dave Clarke (Co Investigator) 01/04/2016 - Present  
Microdialysis measurements and electrophysiology from the amygdala and hippocampus during tasks.

Dave Clarke (Co -Investigator) 01/04/2016 - Present  
Clinical MEG studies across development.

Dave Clarke (Co Investigator) 11/16/2015 - Present  
Seizure initiation and prediction based on multi-channel EEG/ECOG recording on epileptic patients.

A Randomized, double blind, placebo controlled study to investigate the efficacy and safety of cannabidiol (GWP42003-PCBD) as adjunctive treatment for seizures associated with Lennox-Gastaut syndrome in children and adults. 09/01/2015 - Present

Dave Clarke (Associate) 08/03/2015 - Present  
Translational research initiatives for epilepsy – biorepository protocol.

Dave Clarke (PI) 02/20/2015 - Present  
Functional Electrographic characterization of the insular cortex on pediatric patient population diagnosed with epilepsy.

Dave Clarke (Sub Investigator) 02/15/2012-Present  
Functioning in Neuropsychology Pediatric Database

**Closed:**

SP0967: A multicenter, double-blind, randomized, placebo-controlled, parallel-group study to investigate the efficacy and safety of lacosamide (lcm) as adjunctive therapy in subjects with epilepsy  $\geq 1$  month to  $< 4$  years of age with partial-onset seizures Closed

A Randomized, double blind, placebo controlled study to investigate the efficacy and safety of cannabidiol (GWP42003-PCBD) as adjunctive treatment for seizures associated with Lennox-Gastaut syndrome in children and adults. Closed

Dave Clarke (PI) 08/09/2012 - 07/24/2014

A Long-term, Open-label Safety Extension Study of Retigabine/Ezogabine in Pediatric Subjects with Partial Onset Seizures ( $>12$  years old) and Subjects with Lennox-Gastaut Syndrome ( $>12$  years old)

Dave Clarke (PI) 10/25/2012 - 03/25/2014

A Multicenter, Randomized, Controlled, Open-label Study to Evaluate the Cognitive Development Effects and Safety, and Pharmacokinetics of Adjunctive Rufinamide Treatment in Pediatric Subjects 1 to less than 4 years of age with Inadequately Controlled Lennox-Gastaut Syndrome EISAI

Austin Initiative 01/01/2011 - 12/01/2012  
Primary care physician questionnaire study about epilepsy.

Grant and Clinical Trial Support

<b>Granting Agency</b>	<b>Title</b>	<b>Date(s)</b>	<b>Amount</b>	<b>Role</b>
Anderson Foundation	Seizure Control and quality of life in children with epilepsy after vagus nerve stimulator placement, corpus colostomy or Ketogenic Diet management.	2014 - Present	\$25,000	Principal Investigator
Anderson Foundation	The importance of insular involvement and seizure semiology in epilepsy surgery	2014 - Present	\$25,000	Co-Investigator
Anderson Foundation	Clinical validation of zEEG, a wireless EEG recording system for pediatric and adult patient with epilepsy	2014 - Present	\$50,000	Principal Investigator
Neuroscience Institute, University of Tennessee at Memphis/ St. Jude Children's Research Hospital	Electroencephalographic Findings in Sickle Cell Disease	2008-2009	\$50,000	Principal Investigator
St. Jude Research Hospital	Assessment of Sleep Related Disorder in Sickle Cell Disease	2008-2009	\$10,000	Principal Investigator
National Institute of Health (NIH)	Childhood Absence Epilepsy Rx, PK/PD Pharmacogenetics	2003-2008	\$13,000	Sub-Investigator
SAGE	Expanded access to investigational new drug for treatment use: Cannabidol (CBD) for the treatment of drug resistant epilepsy	2016	\$00,000	Principal Investigator
SAGE	A randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of SAGE 547 injection in treatment	2016	\$00,000	Principal Investigator
SAGE		2016	\$00,000	Principal Investigator

	Expanded access to investigational new drug for treatment use: Cannabidiol (CBD) for the treatment of drug resistant epilepsy			
SAGE	An open label extension study to determine safety, tolerability, and pharmacokinetics of Lacosamide (LCM) as adjunctive therapy in children with partial onset seizures (SP848)	2016	\$00,000	Principal Investigator
Ortho McNeil	A Double Blind Trial Comparing the Efficacy, Tolerability, and Safety of Monotherapy Topiramate Versus Pheytoin in Subjects with Seizures Indicative of New Onset Epilepsy	2005-2006	\$19,0000	Sub-Investigator
Ovation	Safety and Efficacy of Clobazam in Subjects with Lennox- Gaustat Syndrome	2005-2006	\$95,000	Sub-Investigator
Shainberg Neuroscience Research Fund	The Safety of Intravenous Levetiracetam	2006-2008	\$48,000	Sub-Investigator
UCB Pharma, Inc.	Double Blind, A Multi- center, Randomized, Inpatient, Maximum 34 day Study of Levetiracetam Oral Solution (20-50 mg/kgld) as Adjunctive Treatment of Partial Seizures, Age 1 to <48 Months of Age	2006	\$169,655	Sub-Investigator
UCB Pharma, Inc.	19 week, Randomized, Double Blind Safety Study to Evaluate the Cognitive and Neuropsychological Effects of Levetiracetam (20-60 mg/k/day) as Adjunctive Treatment in Children 4-16 years old with Partial Seizures	2006-2007	\$33,935	Sub-Investigator

King Pharmaceuticals	A Phase 3, Randomized, Double Blind, Parallel, Placebo-Controlled, Multicenter Study, with Optional Open-Label Continuation, of the Efficacy and Safety of Vanquix Auto Injector for the Management of Selected, Refractory, Patients with Epilepsy who require Intermittent Medical Intervention to Control Episodes of Acute Repetitive Seizures	2006-2009	\$40,820	Sub-Investigator
Marinus Pharmaceuticals	A Double Blind, Placebo-controlled dose ranging Clinical Study to Evaluate the Safety, Tolerability, and Antiepileptic Activity of Ganaxolone in Treatment of Patients with Infantile Spasms	2007-2008	\$239,262	Sub-Investigator
Shainberg Neuroscience Research Fund	Genetics of Epilepsy Research Study	2006-2009		Principal Investigator

#### Other Active Research Activities and Clinical and Quality Improvement Projects

Epilepsy Management Survey	2015 – Present
Quality Indicators in the EMU	2015 – Present
Quality of Life Questionnaire – Caribbean	2015 – Present

#### Publications

##### Peer-reviewed publications

- Schraegle, W., Nussbaum, N., **Clarke, D.**, & Ma, C. Exploring Pre and Post-Operative Profiles of Hot Water Epilepsy: Revisiting Pathogenic Mechanisms. *J Pediatr Epilepsy* 2017; 06(02): 081-090.
- Melbourne-Chambers R, **Clarke D**, Gordon-Strachan G, Tapper J, Tulloch-Reid M. The UWIMONA Paediatric Epileptic Seizure Screening Questionnaire for use in a Resource Limited Setting was found to be valid and reliable in a pilot study. *J Clin Epidemiol.* 2015 Sep;68(9):988-93
- Kruass G, Sandy S, Corbin D, Bird-Compton J, Jack F, Nelson B, Jalonen T, Ali A, Fortune T, **Clarke DF**, Okolie J. Epilepsy Care in the Southern Caribbean. **Epilepsy Behav.** 2015 Aug 21;51:267-272.
- Nussbaum N, Potvin D, **Clarke DF**. Application of a Multidisciplinary Model to a Case Example of Presurgical Epilepsy Planning. *The Clinical Neuropsychologist* 2014 Nov;28 (8):1321-35.

5. **Clarke DF**, Ali A, Haynes-Robinson, T, Webson A. The Epilepsy Society of the Caribbean: The First Multinational Chapter of the ILAE. Epigraph Volume 16, Issue 1, Winter 2014.
6. **Clarke DF**, Tindall K, Lee M, Patel B. Bilateral occipital dysplasia, seizure identification, and ablation: a novel surgical technique. *Epileptic Disord.* 2014 Jun;16(2):238-43.
7. Hankins J, Verevkina N, Smeltzer M, Wu S, Aygun B, **Clarke D**. Assessment of sleep-related disorders in children with sickle cell disease. *The Journal of Clinical Hematology. Hemoglobin.* 2014;38(4):244-51.
8. Van Poppel K, Patay Z, Roberts D, **Clarke D**, McGregor A, Perkins, FF, Wheless J. Authors' response to correspondence on "mesial temporal sclerosis in a cohort of children with SCN1A gene mutation. *J Child Neurol*, 2013 Apr; 28(4):542
9. Van Poppel M, Wheless J, **Clarke D**, McGregor A, McManis M, Perkins Jr. F, Van Poppel K, Fulton S, Boop F. Passive language mapping with magnetoencephalography in pediatric patients with epilepsy: Clinical Article. *Journal of Neurosurgery, Pediatrics.* 2012, Vol 10(2), pp. 96-102.
10. Van Poppel K, Patay Z, Roberts D, **Clarke DF**, McGregor A, Perkins FF, Wheless JW. Mesial temporal sclerosis in a cohort of children with SCN1A gene mutation. *J. Child Neurol.* 2012 Jul;27(7): 893-7.
11. Spinks TJ, Lee M, **Clarke DF**. How Early is too Early? A review of Infant Seizure Surgery Literature. *Current Pediatric Reviews*, Volume 8, number 1, February 2012, pp 82-85.
12. Aquilina K, **Clarke DF**, Wheless JW, et al. Microencephaloceles: another dual pathology of intractable temporal lobe epilepsy in childhood. *J Neurosurg Pediatr.* 2010 Apr; 5(4):360-364.
13. Ogg RJ, Laningham FH, **Clarke DF**, et al. Passive range of motion functional magnetic resonance imaging localizing sensorimotor cortex in sedated children. *J Neurosurg Pediatr.* 2009 Oct; 4(4): 317-322.
14. Wheless, J, **Clarke DF**, Hovinga CA, et al. Rapid Infusion of a loading dose of Intravenous Levetiracetam with minimal dilution: A Safety study. [J Child Neurol.](#) 2009 Aug; 24(8):946-951.
15. Fulton SP, **Clarke DF**, Wheless, JW, et al. Angiocentric glioma-induced seizures in a two-year old child. [J Child Neurol.](#) 2009 Jul; 24(7):852-856.
16. **Clarke DF**, Boop FA, McGregor AL, et al. Pediatric Extratemporal Epilepsy Presenting with a Complex Auditory Aura. [Epileptic Disord.](#) 2008 Jun; 10(2):181-186.
17. Perkins FF Jr, Breier J, McManis MH, Castillo E, Wheless J, McGregor AL, Chacon M, **Clarke DF**. Benign rolandic epilepsy -- perhaps not so benign: use of magnetic source imaging as a predictor of outcome. *J Child Neurol.* 2008 Apr; 23(4):389-393.
18. Wheless JW, **Clarke, DF**, Arzimanoglou A, et al. Treatment of pediatric epilepsy: European expert opinion. *Epileptic Disorders*; 9 (suppl 1) Dec 2007; 9(4):353-412.
19. **Clarke DF**, Wheless JW, Chacon M, et al. Corpus Callosotomy: A Palliative Therapeutic Technique May Help Identify. Resectable Epileptogenic Foci. *Seizure* 2007 Sep; 16(6):545-553
20. Wheless JW, **Clarke DF**, Carpenter D. Treatment of Pediatric Epilepsy: Expert Opinion. *J Child Neurol.* 2005; 20(1): S1-56.
21. **Clarke DF**, Roberts W, Daraksan M, et al. The Prevalence of Autistic Spectrum Disorder in Children Surveyed in a Tertiary Care Epilepsy Clinic. *Epilepsia* 2005; 46(12):1-8.
22. **Clarke DF**, Otsubo H, Weiss SK, et al. The significance of ear plugging in localization related epilepsy. *Epilepsia* 2003; 44(12):1562-1567.
23. Chervin RD, **Clarke DF**, Huffman JL, et al. School performance, race, and other correlates of sleep-disordered breathing in children. *Sleep Med* 2003; 4:21-27.

### Books & Chapters

1. Titus JB, Loblein H, **Clarke, DF**. Absence epilepsy. In Kreutzer JS, DeLuca J, Caplan B, eds. *Encyclopedia of clinical neuropsychology.* 2nd ed. New York, NY:Springer; in press.

2. Titus JB, Schraegle, WA, Clarke, DF. Benign rolandic epilepsy. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
3. Titus JB, **Clarke, DF**. Febrile seizures. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
4. Titus JB, Loblein H, **Clarke, DF**. Juvenile myoclonic epilepsy. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
5. Titus JB, **Clarke, DF**. Landau-Kleffner syndrome. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
6. Titus JB, Schraegle, WA, Clarke, DF. Lennox-Gastaut syndrome. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
7. Titus JB, **Clarke, DF**. Myoclonic epilepsy in infancy. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press.
8. Titus JB, **Clarke, DF**. West syndrome. In Kreutzer JS, DeLuca J, Caplan B, eds. Encyclopedia of clinical neuropsychology. 2nd ed. New York, NY:Springer; in press
9. **Clarke DF**. Neurologic Disorders. In Step-up in Pediatrics, Shah S, Ronan J, Alverson B. 2013. First Edition, Lippincott Williams & Wilkins. November 2013, Page 131-150.
10. **Clarke DF**. The use of EEGs in the diagnosis of Childhood Epilepsy. In Wheless J, **Clarke DF**, McGregor A, Pearl PL, NG, Yu-Tze (ed.) Epilepsy in children and adolescents. 2013. First Edition, John Wiley & Sons, Ltd
11. Spinks TJ, Lee M, **Clarke DF**. How Early is too Early? A review of Infant Seizure Surgery Literature. Current Pediatric Reviews, Volume 8, Number 1, February 2012, pp 82-85 (4).
12. **Clarke, DF**, George, TM. Angiocentric Glioma-Induced Seizures: Lesionectomy. In Hayat MA, (ed.) Tumors of the Central Nervous System, Springer Publishing Company, New York, NY. Volume 2, 2011, pp 425-434
13. Van Poppel KC, **Clarke DF**, Pediatric Epilepsy Surgery Current Topics in Pediatric Epilepsy, ISBN: 978-81-7895-471-4 Editors: John F. Kerrigan and Pedro Weisleder: 249-282.
14. **Clarke DF**, Boop F, Epilepsy Surgery. In Wheless, J, Willmore, L, Brumback, R. Advance Therapy in Epilepsy, Shelton, CT, BCDecker, PMPH-USA 2009. 402-414.
15. **Clarke DF**, Intractable Epilepsy after Herpes Simplex Encephalitis. In Chapman, K and Rho, J (ed.) Pediatric Epilepsy Case Studies: From Infancy and Childhood through adolescence, First Edition, CRC Press, Boca Raton, FL, 2009. 133-140.
16. Wheless JW, **Clarke DF**. Recurrent Seizures. In Maria BL (ed.): Current Management in Child Neurology, Fourth Edition, BC Decker, Inc, London, UK, 2009: 159-168.
17. Wheless JW, **Clarke DF**. Status Epilepticus. In Maria BL (ed.): Current Management in Child Neurology, Fourth Edition, BC Decker, Inc, London, UK, 2009: 612-617.
18. **Clarke DF**, Wheless JW. The Effect of Puberty on Epilepsy. In Morrell M (ed.): Epilepsy in Women: Care and Management, Humana Press Inc. NYC, NY, 2006.
19. Wheless JW, **Clarke DF**. Recurrent Seizures. In Maria BL (ed.): Current Management in Child Neurology, Third Edition, BC Decker, Inc, London, UK, 2005: 139-147.
20. Wheless JW, **Clarke DF**. Status Epilepticus. In Maria BL (ed.): Current Management in Child Neurology, Third Edition, BC Decker, Inc, London, UK, 2005: 503-508.

#### **Non-peer-reviewed publications**

1. Clarke DF, Ali A, Haynes-Robinson T, Webson A. The Epilepsy Society of the Caribbean: The First Multinational Chapter of the ILAE. Epigrpah Volume 16, Issue 1, Winter 2014.

**Editorial Responsibilities**

1. Clinic in Surgery	Editorial Board Member	2016
2. Pediatric Neurology	Ad hoc Reviewer	2014
3. Frontiers in Epilepsy	Ad hoc Reviewer	2014
4. Pediatric Neurosurgery	Ad hoc Reviewer	2013
5. Seizure: European Journal of Epilepsy	Ad hoc Reviewer	2013

**Invited Presentations, Posters and Abstracts****International:**

1.	Epilepsy Week In Antigua 2016 - Physician Talk at MSJMC Auditorium	Nov 2016
	New Classification of Epilepsy and Management/ Selection of Antiepileptic Drugs	
2.	Epilepsy Week In Antigua 2016 - Community Talk at MBS	Nov 2016
	Identifying the epileptic patient and Sleep	
3.	Initial management of common focal and generalized epilepsy syndromes and constellations. 5th North American Regional Caribbean Congress on Epilepsy. Barbados, West Indies	Mar 2016
4.	How to start and grow a chapter: Lessons from the field. 31st International Epilepsy Conference. Istanbul, Turkey	Sep 2015
5.	Summary and History of the Evolution of the ESC: Future Endeavors - Fourth North American Caribbean Congress on Epilepsy. St Lucia, West Indies	May 2014
6.	Epilepsy surgical workup in the uncooperative Child,(May 2012), BIT's 3rd Annual World Congress of NeuroTalk-2012., Beijing, China.	May 2012
7.	Caribbean Epilepsy Update. Third North American Regional Caribbean Congress on Epilepsy. Antigua, West Indies	Feb 2012
8.	Sleep Pathology vs. Epilepsy: The importance of VEEG in Identifying non-epileptic spells in children. BIT 2nd World Congress of NeuroTalk, 2011, Dalian China.	May 2011
9.	Headache in Children. Pediatric Association of Jamaica 18th Biennial Pediatrics Conference, Kingston, Jamaica	Mar 2011
10.	Management of Seizures in Children. Pediatric Association of Jamaica 18th Biennial Pediatrics Conference, Kingston, Jamaica.	Mar 2011
11.	The Great Pretenders: Epilepsy vs. Non-Epileptic Spells. 2nd North American Regional Caribbean Congress on Epilepsy, Kingston, Jamaica.	Nov 2010
12.	Pre-surgical Evaluation in Your Children with Epilepsy: The use of Functional Imaging. 36th Annual Scientific Conference of the Caribbean Association of Neurological Surgeons, San Juan, Puerto Rico	Nov 2009
13.	The Diagnosis and Management of Childhood Epilepsy. Epilepsy Symposium. International League Against Epilepsy, Antigua, West Indies.	Jun 2009
14.	Epilepsy 101. Visiting Professorship—International League Against Epilepsy- Partnering Epilepsy Centers in the Americas. Trinidad, Tobago	Oct 2008
15.	Pharmacological and Surgical Interventions for the Patients with Epilepsy. Visiting Professorship—International League Against Epilepsy- Partnering Epilepsy Centers in the Americas. Kingston, Jamaica	Jul 2008

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| 16. | Pediatrics and Neonatal Issues. First North American Caribbean Congress Against Epilepsy (NARCCE). Visiting Professorship—International League Against Epilepsy-Partnering Epilepsy Centers in the Americas, Montego Bay, Jamaica | May 2008 |
| 17. | A Case of Juvenile Myoclonic Epilepsy (Jul 2007), Polysonographic Characteristics of patients with Epilepsy 27th International Epilepsy Congress. Changi, Singapore.                                                              | Jul 2007 |
| 18. | Nocturnal Movements: Sleep Disorders or Seizures!?(Oct 2006), Barbados Association of Medical Practitioners, Bridgetown, Barbados.                                                                                                | Oct 2006 |
| 19. | The Comorbidity of Sleep and Epilepsy (Oct 2006), Barbados Association of Medical Practitioners, Bridgetown, Barbados.                                                                                                            | Oct 2006 |
| 20. | Seizure Disorders and Epilepsy (Oct 2006), Barbados Association of Medical Practitioners, Bridgetown, Barbados.                                                                                                                   | Oct 2006 |
| 21. | Neonatal Seizures: To Treat or Not to Treat (Oct 2006), Barbados Association of Medical Practitioners, Bridgetown, Barbados.                                                                                                      | Oct 2006 |

### **National**

- |     |                                                                                                                                                                                              |          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.  | Epilepsy Surgery in the child unable to cooperate. West Virginia University Grand Round. Morgantown, West Virginia.                                                                          | Oct 2016 |
| 2.  | New Onset Epilepsy in Children. The 67th American Academy of Neurology Annual Meeting. Washington, DC.                                                                                       | Apr 2015 |
| 3.  | New onset Epilepsy in Children. 67th American Epilepsy Society Annual Meeting. Washington, DC.                                                                                               | Dec 2013 |
| 4.  | IC3 – Cutting edge care in epilepsy management, from state of the art medical management through surgical outcomes. October 16-19 2013, Milwaukee W                                          | Oct 2013 |
| 5.  | Spectrum of Care in Epilepsy Management: Cutting-Edge Evaluation, Conservative Care, Surgical Intervention, and Rehabilitation. Grand Harbor, Maryland, October 3 -6, 2013                   | Oct 2013 |
| 6.  | Clinical Utility of the Electroencephalogram. When, Why and How Often. Chair—Annual Fundamental of Epilepsy: Neurophysiology 101. 63rd American Epilepsy Society Annual Meeting, Boston, MA. | Dec 2009 |
| 7.  | The Neurophysiology of Sickle Cell Disease. 2nd Annual Urevbu Sickle Cell Awareness. Memphis, TN.                                                                                            | Sep 2009 |
| 8.  | Improving Outcomes in Patients with Epilepsy. American Epilepsy Society (AES), Little Rock, AR.                                                                                              | Aug 2009 |
| 9.  | Neurological Causes of Sleep Disorders. 3rd Greater Mid-South Pediatric Neurology Update, Memphis, TN.                                                                                       | Apr 2009 |
| 10. | Prevalence of Sleep Related Disorders in Children with Sickle Cell Disease. PASS-Florida Partnership for Access to Sickle Cell Service. Fort Lauderdale, FL.                                 | Feb 2009 |
| 11. | Pre-Surgical Evaluation in Young Children with Epilepsy: The Use of Functional Imaging. American Association of Neurological Nurses (AANN), Memphis, TN.                                     | Mar 2009 |
| 12. | Assessment of Brain Function in Sickle Cell Disease by using Neurophysiology. Grand Rounds, St. Jude Children’s Research Hospital, Memphis, TN                                               | Feb 2009 |
| 13. | The Treatment of Epilepsy at Le Bonheur. Le Bonheur Management Forum. Le Bonheur Children’s Medical Center. Memphis, TN.                                                                     | Jun 2008 |

14. Sickle Cell Disease: An update for Neurologists. 2nd Annual Greater Mid-South Update, Memphis, TN. Apr 2008
15. EEG Evaluation of the Brain—Assessment of Brain Function by Using Electroencephalography. Grand Rounds. St. Jude Children’s Research Hospital Memphis, TN. Apr 2008
16. Malformations of the Central Nervous System. University of Tennessee Health Science Center, GME Memphis, TN. Feb 2008
17. Advances in the Treatment of Seizures in the Hospital Setting. Grand Rounds, Hamilton, AL. Feb 2008
18. Epilepsy Surgery in the Uncooperative Child—Presurgical Evaluation in young children with epilepsy; the use of Functional Imaging. 10th Annual Pediatric Epilepsy Symposium, Asheville, NC. Jan 2008
19. The Neurocognitive Effects of Childhood Epilepsy. What Part Does Sleep Disordered breathing have to play. University of Tennessee, Nashville TN. Oct 2007

### Regional

1. Stigma in Epilepsy. Child Neurology Noon Conference. Dell Children’s Medical Center. Austin, TX May 2016
2. Neurology: Common CNS Anomalies. Child Psych Lecture. Dell Children’s Medical Center. Austin, TX Apr 2016
3. Neurology: Epilepsy syndromes. Child Psych Lecture. Dell Children’s Medical Center. Austin, TX Apr 2016
4. Medical treatment: New Antiepileptic Drugs. A Roadmap to Epilepsy: Advances in Care, Innovation, and Research. Austin, TX, Apr 2016
5. Seizure Semiology. Best Practice and New Findings in Epilepsy. Adult Neurology Brackenridge. Austin, TX Jan 2016
6. Epilepsy mechanisms, neurotransmitters and channels, EEG signals and SZ generator. Neurology Residency Lecture Series. Dell Children’s Medical Center. Austin, TX. Jan 2016
7. Is My Patient Having Seizures? A Guide for Primary Care Providers. National Association of Pediatric Nurse Advance Practitioners. Texas: The Austin NAPNAP Chapter. Austin, TX Feb 2016
8. Pediatric Case Conference. ACMEGS Course, “Principles and Practice of Clinical Magnetoencephalography, Orlando, FL Feb 2016
9. Medical treatment: New Antiepileptic Drugs. A Roadmap to Epilepsy: Advances in Care, Innovation, and Research. Austin, TX, Apr 2016
10. Historical use of Cannabis/Cannabinoids in Epilepsy. Austin Epilepsy Discussion Group Quarterly Dinner. April 2015 Apr 2015
11. Passive Language Mapping with MEG in Pediatric Patients with epilepsy: 2015 ACMEGS Annual Conference. February 2015. Feb 2015
12. Neonates to Adults: Age-related epilepsy syndromes. Current trends in Epilepsy Conference. September 2014, Austin, TX. Sep 2014

13	Minimally Invasive to Radical Epilepsy Surgeries. Current trends in Epilepsy Conference. September 2014, Austin, TX	Sep 2014
14	Disorders of Brain and spine development. Pediatric Neurology Lectures, April 2014.	Apr 2014
15	Sleep and Seizures in Sickle Cell Disease. Clinicians' role in transforming the quality of life for patients with Sickle Cell Disease. April 2014, Austin, TX	Apr 2014
16	When should epilepsy surgery be entertained and why? Standards of Care. Innovation: Focus on Epilepsy. Clinical and Business Issues July 6 – 7, 2012, Austin, TX.	Jul 2012
17	Seizure Management (Mar 2010), Pediatrics Grand Rounds. Seton Medical Center Williamson, Austin, TX.	Mar 2010
18	Pairing Childhood Epilepsy with the right Anticonvulsants (Sept 2009), Grand Rounds, Cook Children's Medical Center, Fort Worth, TX.	Sep 2009
19	Pairing Childhood Epilepsy Syndromes with The Right Anticonvulsants (Aug 2009), Pediatric Epilepsy and Movement Disorders Symposium. Cook Children Medical Center. Fort Worth, TX.	Aug 2009
20	Advances in Treatment of Seizures in the Hospital Setting (May 2008), Cook Children's Hospital. Grand Rounds. Fort Worth, TX.	May 2008
21	University of Texas at Houston. Educational (2001-2004), Houston, TX.	2001 - 2004
	1) Brain Development and Congenital	
	2) Overview of Seizures	
	3) Neurological Exam from Delivery through Infancy	
	4) Seizure Disorders and Epilepsy	
	5) Seizures, EEG's	

### **Abstracts**

1. **Clarke DF**, Perry MS, Donahue D, Titus J, Perkins Jr FF, Keator C, Nussbaum N, Hernandez A, Malik S, Lee M. Thermal ablation of frontal lobe patients. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.
2. Wasson L, Moon K, Hovinga C, Perkins Jr, F, Stansworth C, Ontiveros TM, Jackson M, Martin D, Robbins K, Grantham J, **Clarke DF**. Development of a Real Time Quality Indicator Assessment Program for use in the Epilepsy Monitoring Unit. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.
3. Nadasdy Z, Moon K, Kokavec J, Benedek F, Gunasekar A, **Clarke DF**. Evaluation of the signal quality of zEEG, z zero-prep, wireless dry-electrode EEG headset during epilepsy monitoring. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.
4. Ferrari P, Cheyne D, McManis M, Lee M, Perkins Jr FF, **Clarke DF**. Utility of Beamformer Source Analysis in clinical Magnetoencephalography. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.
5. Sachdev K, Patel B, Hovinga C, Wasson A, **Clarke DF**. Neurolite and Ceretec Radio-Isotopes: Efficacy in acquisition of subtraction SPECTS and their localizing value in defining the epileptogenic zone. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.

6. Rao C, **Clarke DF**, Perkins Jr FF, Lee M, Wasson, AL, Perry L, Perry S. Outcomes of MRI-Guided Thermal Ablation in non-lesional intractable childhood epilepsy. 70<sup>th</sup> Annual American Epilepsy Society annual meeting, December 2016, Houston, TX.
7. Tomycz L, Haider A, Hamilton M, **Clarke D**, Lee M. Insular depth electrode in Pediatric treatment-refractory Epilepsy. 2016 Annual Meeting of Congress of Neurological Surgeons. September 2016, San Diego, CA.
8. Nadasdy, Z., Nguyen, P., Torok, A., Shen, J., Briggs, D., **Clarke, D. F.**, Modur, P., Buchanan, R. (2016). Grid cell activity in the human entorhinal cortex scales with the size of virtual environments (Society for Neuroscience Meeting, San Diego, CA).
9. Lee, M. R., Perkins, F., Keough, K., Patel, B., Titus, J. B., Nussbaum, N., & **Clarke, D.** (May, 2016). Stereotactic laser ablation in the management of lesional frontal lobe epilepsy in children. Presented at the 84<sup>th</sup> AANS Annual Scientific Meeting. Chicago, IL.
10. Walter-Thomas, J., **Clarke, D. F.**, Walwyn, L., & Titus, J. B. (March, 2016). Epilepsy week in Antigua and Barbuda: Filling the management gap and raising awareness. Presented at the 5<sup>th</sup> North American Regional Caribbean Congress on Epilepsy (NARCCE). Barbados, WI.
11. Harikrishan S, Bhairav P, and **Clarke D.** Neurolite and Ceretec radio-isotopes: Efficacy in acquisition of subtraction SPECTS and their localizing value in defining the epileptogenic zone. Presented at the 69<sup>th</sup> American Epilepsy Society annual meeting, December 2015, Philadelphia, PA.
12. Moustafa M, Lee M, Bhairav P, Titus J, Nussbaum N, Perkins, F, Keough K, and **Clarke, D.** Stereotactic laser ablation in the management of lesion induced frontal lobe epilepsy: Safety and Efficacy. Presented at the 69<sup>th</sup> American Epilepsy Society annual meeting, December 2015, Philadelphia, PA.
13. Sen S, Lee M, and **Clarke D.** Resection of the insula adjoining epileptogenic zone: Safety and efficacy. Presented at the 69<sup>th</sup> American Epilepsy Society annual meeting, December 2015, Philadelphia, PA.
14. Mcmanis M, Perkins Jr. FF, Ferrari P, Lee M, and **Clarke D.** Combining stereotactic EEG and MEG to localize seizure focus in children. Presented at the 69<sup>th</sup> American Epilepsy Society annual meeting, December 2015, Philadelphia, PA.
15. Keough K, **Clarke D**, Briggs D, Lee M, Berhane R, Sharp K and Perkins Jr., FF. Epilepsy management in Tuberous Sclerosis. The role of thermal ablation as a substitute for respective surgery. 2014 International Research Conference on Tuberous Sclerosis Complex, September 2015. Windsor, UK.
16. Schraegle, W.A, Nussbaum, N.L., **Clarke, D.** (2014). The Neuropsychology of Hot Water Epilepsy: Reporting on two cases towards a pathogenesis. Presented at the American Academy of Clinical Neuropsychology, New York, New York.
17. Thompson E, Walker J, Chlon W, LeSure S, **Clarke, DF.** Epilepsy Related characteristics of children less than five years of age who underwent epilepsy surgery. 68<sup>th</sup> Annual Meeting of the American Epilepsy Society. Seattle, WA – 2014.
18. Clarke, DF, Titus JB, Nussbaum N, Perkins Jr. FF, Keough k, Lee M. Thermal ablation for patients who failed surgery or would seldom be considered as a surgical candidate. 68<sup>th</sup> Annual Meeting of the American Epilepsy Society. Seattle, WA – 2014.
19. Nadasdy Z, Benites D, Sjen J, Briggs D, Clarke, DF, Buchanan R, Lee M, Nelson D, Modur, P. Early Seizure detection using relative gamma and ripple band phase decoherence. 68<sup>th</sup> Annual Meeting of the American Epilepsy Society. Seattle, WA – 2014
20. **Clarke D**, Tindall K, Lee M, Keough K, Perkins, F. Successful laser ablation of bilateral occipital and peri-ventricular nodules. 67<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington DC. 2013.

21. Walker J, Freeman S, LeSure SM, **Clarke, D.** An epilepsy knowledge based questionnaire study for school nurses. 67<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington DC. 2013.
22. **Clarke D,** Ali A, Bramble-Brown KA, Moon KW, LeSure S, Dick N, Bird J. The effectiveness of visiting epilepsy clinics: A Caribbean experience. 67<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington DC. 2013.
23. Joy M, Ybarra N, Kane J, **Clarke, D.** A comparison between enterally fed patients and orally fed patients following the Ketogenic diet. 67<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington DC. 2013.
24. **Clarke DF,** Jean S, Tindall K, LeSure S, Perkins FF. Are American Academy of Neurology Epilepsy Quality Measures (Phase 1 Evaluation, MRI) being followed in Children. Child Neurology Society Annual Meeting, Austin, TX 2013.
25. McManis MH, Perkins, Jr. FF, **Clarke, DF.** Using MEG to map the motor cortex in pediatric patients. Poster presented at the 53<sup>rd</sup> Annual Meeting of the Society for Psychophysiological Research. Florence, Italy, October 2013.
26. Nadasdy Z, Buchana RJ, Shen J, Lee MR, Nelson, DL, **Clarke DF.** Complementary seizure propagation and default state patterns revealed by ECoG in the epileptic human brain. 2012.
27. Nadasdy Z, Benites D, Shen J, Briggs DG, Lee MR, **Clarke DF,** Buchanan RJ. Phase divergence of gamma band ECoG predicts epileptiform activity. 2012.
28. Nadasdy Z, Shen J, Briggs D, Lee M, **Clarke D,** Buchanan RJ. Comparing propagation dynamics between seizure and default-state activity in ECoG recordings. 2012
29. Watson M, **Clarke DF,** Hovinga C, Nussbaum N. The use of passive functional MRI in presurgical planning for pediatric patients with epilepsy. 66<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Diego, CA. 2012.
30. **Clarke DF,** Monsivais DR, Jean S, Keough K, Tindall KL, Lee MR. The importance of insular involvement in epilepsy surgery. 66<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Diego, CA. 2012
31. Perkins FF, Lime KL, Bower N, Hovinga CA, Titus JB, **Clarke DF.** Physicians practices for epilepsy surgery in pediatrics. 66<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Diego, CA. 2012.
32. Potvin, D., Nussbaum, N. & **Clarke, D.** (2012). A Narrowing Gap: The Relation between Seizure Frequency and the Intelligence-Achievement Gap in Children with Intractable Epilepsy. Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society in Montreal, Canada.
33. Hovinga CA, Kime KL, Bower N, Titus JB, Perkins FF, **Clarke DF.** Knowledge of physicians and practice parameters pertaining to the diagnosis and drug management of pediatric epilepsy. 66<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Diego, CA. 2012.
34. Titus, J. B., Hovinga, C. A., Kime, K. L., Bower, N. R., Perkins, F. F., & **Clarke, D. F.** (2012, December). *Physicians' perspectives in utilizing neuropsychological services in pediatric patients with epilepsy.* Presented at the 66th Annual Meeting of the American Epilepsy Society, San Diego, CA.
35. Potvin D, Nussbaum N, **Clarke D, et al.** (Jun 2011). "Pediatric Epilepsy: A Case Study". 9<sup>th</sup> Annual American Academy of Clinical Neuropsychology Conference, Washington D.C.
36. Lantrip C, Luther E , Lane S, Nussbaum N, **Clarke D.** (Jun 2011). "Executive functioning in intractable childhood epilepsy". 9<sup>th</sup> Annual American Academy of Clinical Neuropsychology Conference, Washington D.C. 2011.
37. **Clarke, D. F.,** Nussbaum, N., Titus, J., & Lee, M. (2011, December). *Disconnection as an alternative to partial or complete lobectomies.* Presented at the 65th Annual Meeting of the American Epilepsy Society, Baltimore, MD.

38. **Clarke, D. F.**, Keough, K., Titus, J., Jean, S., Lee, M., Tindall, K. (2011, December). *Vagal Nerve Stimulator (VNS) and Corpus Callosotomy (CC) done independently or in combination*. Presented at the 65th Annual Meeting of the American Epilepsy Society, Baltimore, MD.
39. McGregor A, Fulton S, **Clarke D**, Perkins F, Boop F, Einhaus S, Wheless J. Hyponatremia (Dec 2007) "Pediatric patients undergoing intracranial monitoring and epilepsy surgery for intractable partial seizures" 64<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Antonio, TX. 2010.
40. Van Poppel K, Patay Z, McGregor A, Clarin D, Perkins F, **Clarke D**, Wheless J. Mesial Temporal Sclerosis (MTS)(Dec. 2010) "In Childhood: Is a Mutation in the SCN1A Gene the most common cause?" 64<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Antonio, TX. 2010
41. Phillips N, **Clarke D**, Perkins F, Ogg R, McManis M. (Dec 2010) "Bilateral Asymmetries in the Maximal Activation of same subject SSEP's" 64<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Antonio, TX
42. **Clarke, DF**, Perry M, Richards K, Mabe M, Lee M (Dec 2010) "The Prevalence and localization of itcal laughter not caused by hypothalamic hamartomas" 64<sup>th</sup> Annual Meeting of the American Epilepsy Society, San Antonio, TX.
43. **Clarke DF**, McManis M, Perkins F, Patay Z, Boop F, Birg A, McGregor A, Wheless J (Dec 2009) "Presurgical Functional Neuroimaging using fMRI and MEG in Sedated children" 63rd Annual Meeting of the American Epilepsy Society, Boston, MA.
44. **Clarke DF**, Verevkina N, Wu S, Naidu P, Williams L, Hankins J. (June 2009) "Prevalence of Sleep-related Disorders in Children with Sickle Cell Disease" SLEEP 2009: 23rd Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA.
45. Wheless J, Hovinga C, **Clarke DF**, McGregor A, Perkins F, Durmeier M (Dec 2008) "Rapid Infusion of Loading Dose of Intravenous Levetiracetam with Minimal Dilution: A Safety Study" American Epilepsy Society Annual Meeting. Seattle, WA.
46. **Clarke DF**, Ogg R, Wheless J, Van Poppel K, Scoggins M, Perkins F, McGregor A, Patay Z, Boop F. The Complimentary Role of fMRI, DTI and Cortical Mapping in Symptomatic Epilepsy Surgery in Children.
47. Wheless JW, **Clarke DF**. (April 2006) "How to treat seizure emergencies" 58<sup>th</sup> Annual Meeting of the American Academy of Neurology, San Diego, CA.
48. **Clarke DF**, Sharp L, Perkins FF, McGregor A, Slater J, Waller A, Wheless JW, Baumgartner JE (April 2006) "PreOp and PostOp Seizures in patients status post corpus callosotomy" Neurology 58<sup>th</sup> Annual Meeting of the American Academy of Neurology, San Diego, CA.
49. McGregor AL, **Clarke DF**, Wheless JW, Slater JD, Perkins FF, Waller A, Baumgartner JE (Dec 2005) "Surgical experience with vagus nerve stimulation (VNS) at the Texas Comprehensive Epilepsy Program" 59<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington, D.C.
50. Perkins FF, **Clarke DF**, Waller A, Slater JD, McGregor AL, McManis MH, Castillo EM, Wheless JW, Baumgartner JE. (Dec 2005) "The Corpus Callosotomy experience at the Texas Comprehensive Epilepsy Program" 59<sup>th</sup> Annual Meeting of the American Epilepsy Society, Washington, D.C.
51. Slater JD, McManis MH, **Clarke DF**, Perkins FF, McGregor AL, Wheless JW, Breier JI, Castillo EM, Papanicolaou AC (Dec 2005). "Magnetic Source Localization in patients with idiopathic generalized epilepsies" American Epilepsy Society Meeting, Washington, DC.
52. Perkins, FF, **Clarke DF**, Breier J, Chacon, M, Castillo E, Weers D, Wheless, J. Benign Rolandic Epilepsy; Neuropsychological Testing and Magnetic Source Imaging Analysis (Dec 2005). American Epilepsy Society, 58<sup>th</sup> Annual Meeting, New Orleans, LA.

53. **Clarke DF**, Otsubo H, Ochi A, Weiss S, Hunt C, Roberts W, Snead OC. (2002) “Utility of Video EEG to evaluate epileptiform discharges and seizures in children with Autistic Spectrum Disorder” Annual meeting of the American Epilepsy Society, Seattle, WA.
54. **Clarke DF**, Leber SM. (2000) “The Sebire Syndrome: Three cases of a stereotyped encephalopathy with a good prognosis” 29th annual Child Neurology Society meeting, St. Louis, MO.
55. **Clarke DF**, Abdulrazzak M, Robertson PL, Holland KD. (2000) “Micturition reflex epilepsy: a novel type of reflex epilepsy” 29th annual Child Neurology Society meeting, St. Louis, MO.

**Visiting Professorships**

University of West Virginia at Morgantown Morgantown, West Virginia	Nov 2016
International League Against Epilepsy University of the West Indies,	2008 - 2014
Medical University of South Carolina Charleston, South Carolina	2009
American Epilepsy Society University of Arkansas at Little Rock, Little Rock, AR	2007-2008

**Community Services**

The Horizontal Protocol, prevention to pharmaco-resistant	2012 - Present
Engaging School – AISD and education about epilepsy	2016