CURRICULUM VITAE

**Date of Revision: October 18, 2017**

**Name:**

Jeremy Moeller, MD, MSc, FRCPC

**Academic Rank:**  Assistant Professor – Clinician-Educator

**School:**

Yale University School of Medicine

**Education**

B.Sc. St. Francis Xavier University (Physics and Biology) 2000

M.D. Dalhousie University 2004

M.Sc. University of Edinburgh (Clinical Education) 2016

**Career/Academic Appointments:**

2004-2009 Resident, Neurology, Dalhousie University Faculty of Medicine, Halifax, NS, Canada

2009-2011 Fellow, Epilepsy and Clinical Neurophysiology, Columbia University Medical Center, New York, NY

2011-2013 Assistant Professor, Department of Medicine, Division of Neurology, Dalhousie University, Halifax, NS, Canada

2013-present Assistant Professor, Department of Neurology, Yale University School of Medicine, New Haven, CT

**Administrative Positions:**

2014-present Director, Neurology Residency Program, Yale-New Haven Hospital and Yale School of Medicine

2017-present Associate Vice-Chair, Education, Department of Neurology, Yale School of Medicine

**Board Certification**

Royal College of Physicians and Surgeons of Canada, Neurology, 2009

Canadian Society of Clinical Neurophysiologists, Electroencephalography, 2009

American Board of Neurology and Psychiatry, Neurology, 2013

American Board of Neurology and Psychiatry, Epilepsy, 2014

**Professional Honors & Recognition**

**International/National/Regional**

2017: Best Poster Award, Northeast Group on Educaitonal Affairs Annual Conference (co-authors Michael Green and Judy Spak)

2015: St. Francis Xavier University Young Alumnus of the Year Award

2003: Alpha Omega Alpha Honor Medical Society

**Medical School**

2016: Award for Innovation in Education, Medical Education Day

2016: Attending of the Year (Teaching Award), Department of Neurology

2004: Dr. Graham Gwyn Memorial Prize for Neurology

2004: Hunter Humanities Award for contributions to the Medical Humanities

2002: L.B. MacPherson Award for contribution to Student-Faculty relations

**Undergraduate**

2000: University Gold Medal for highest average in the final three year of an honours program

2000: Larkin Memorial Trophy for Male Senior of the Year

2000: Dr. M.S. Gautam Prize for Physics and Dr. G.H. Murphy Prize for proficiency in premedical studies

**Grant/Clinical Trials History:**

**Current Grants**
Agency: Yale University (Rosenkranz Fund for Pedagogical Advancement)

Title: “Interactive Video-Based Patient Encounter Simulations in Movement Disorders”
P.I.: Jeremy Moeller, MD and Sara Schaefer, MD

 Percent effort: N/A

 Direct costs per year: $9,400
Total costs for project period: $9,400
Project period: 07/01/2017 – 06/30/2018

# Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

# 2017 71st Annual Meeting of the American Epilepsy Society, Annual Course: “Thirty-six year old with presumed dominant hemisphere drug-resistant epilepsy and normal MRI who had surgery.”

# 2017 Norwalk Hospital Grand Rounds: “The Differential Diagnosis of Epilepsy.”

# 2017 American Society for EEG Technologists (ASET) Fall Seminar: “Normal EEG Patterns and Normal Variants.”

# 2017 Epilepsy Grand Rounds, NYU Comprehensive Epilepsy Center: “Innovations in Epilepsy Education”

# 2015 American Epilepsy Society Fellowship Directors’ Meeting, Philadelphia, PA: “A flipped approach to EEG teaching.”

# 2014 NeuroSeriesLive: Invited speaker on a Web-Based National CME Forum on “Selecting and tailoring antiepileptic therapies: steps for maximizing success.”

2014 Stamford Hospital Medical Grand Rounds: “An initial approach to epilepsy and seizures”

2013 LAUNCH Residents’ National Review and Development Program, Toronto, ON: “Review of EEG and Epilepsy”

2013: Atlantic Canada Clinical Neuroscience Society Annual Meeting, Moncton, NB, Epilepsy Session Co-Chair and Moderator of debate: “Surgical Management of Cavernous Malformations”

2012 2nd Halifax International Epilepsy Conference: “Some thoughts on EEG and refractory Epilepsy.”

2011 8th New York Symposium on Neurological Emergencies and Neurocritical Care: Workshop on basic EEG patterns and rhythms.

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale**

2016 American Epilepsy Society Annual Meeting, Houston, TX. “Identification of threshold concepts in electroencephalography (EEG) to support learning of a complex skill.” (poster)

2016 American Academy of Neurology Annual Meeting, Vancouver BC. “Simulation of neurological emergencies for milestones-based learning and assessment.” (poster)

2015 American Epilepsy Society Annual Meeting, Philadelphia, PA. “A ‘flipped’ approach to electroencephalography (EEG) education in neurology residency.” (poster)

2014 American Epilepsy Society Annual Meeting, Seattle, WA. “Changes in antiepileptic drug prescribing patters in a large, tertiary-care epilepsy center (2000-2011)” (poster)

2011 American Epilepsy Society Annual Meeting, San Antonio, TX “Suppression of interictal epileptiform discharges by levetiracetam during video-EEG monitoring” (poster)

2008 American Epilepsy Society Annual Meeting, Seattle, WA. “Delay to diagnosis of psychogenic nonepileptic seizures in an adult epilepsy clinic” (poster)

2008 American Academy of Neurology Annual Meeting, Chicago, IL. “Neuropathological features of autosomal dominant sensory ataxia” (poster)

2008 American Academy of Neurology Annual Meeting, Chicago, IL. “Lamotrigine-valproic acid combination therapy for medically refractory epilepsy” (poster)

**Professional Service**

Professional service should be segregated into categories as follows:

***Journal Service:***

2017-18 Guest Editor, Issue on Neurology Education, *Seminars in Neurology*

2017- Reviewer, *JAMA Neurology*

2017- Reviewer, *Advances in Health Sciences Education*

2015- Reviewer, *Neurology* and *Neurology* *Resident and Fellow Section*

2011-2014 Reviewer, *Canadian Journal of Neurological Sciences*

***Professional Service for Professional Organizations***

2016-present Member, Annual Course Committee of the American Epilepsy Society

2014-present Member, Resident and Student Education Committee of the American Epilepsy Society

2014-present Member, Yale core site team, Core Entrustable Professional Activities for Entering Residency (CEPAER) pilot program through the American Association of Medical Colleges. Term extends to 2019.

2015 Representative of the American Neurological Association to the American Board of Psychiatry and Neurology forum on Resident Competence

2014 and 2017 Member, NeuroSAE: Epilepsy Edition Workgroup (American Academy of Neurology)

2017 Reviewer, Residency In-Service Examination (American Academy of Neurology)

2017 Member, American Epilepsy Society Self-Assessment Examination Writing Workgroup

***Yale University Service:***

*Hospital Committees*

2016-present Member, Executive Sub-Committee of the GMEC

2014-present Member, Graduate Medical Education Committee

*Yale Health Center Committees*

2017-present Member, Open Notes Implementation Committee

*Medical School Committees*

2016-present Member, Yale School of Medicine Admissions Committee (Member of Application Screening Committee starting in 2017)

2014-present Member, Core Site Team on Entrustable Professional Activities for Entering Residency

*Department of Neurology*

2014-present Chair, Resident Curriculum Committee

2015-present Chair, Resident Research Committee

2014-present Chair, Residency Admissions Committee

2014-present Member, Resident Clinical Competency Committee (CCC)

2014-present Member, Epilepsy Fellowship Clinical Competency Committee (CCC)

2014-present Member, Residency Program Evaluation Committee

2014-present Member, Clinical Neuroscience Grand Rounds Planning Committee

**Bibliography:**

**Peer-Reviewed Original Research**

1. Pink DA, Quinn B**, Moeller J** and Merkel R. Computer simulation of DNA interacting electrostatically with phosphatidylcholine and trimethyl-ammoniumpropane interfaces. Phys. Chem. Chem. Phys 2000, 2:4529-36
2. Pink DA , **Moeller J**, Quinn B et al. On the architecture of the gram-negative bacterial murein sacculus. J. Bacteriol. 2000, 182:5925-30
3. **Moeller JJ**, Ma M, Hernandez P, Marrie T, Touchie C, Patrick W. Discharge delay in patients with community-acquired pneumonia managed on a critical pathway . Can J Inf Dis Med Microbiol 2006, 17:109-13
4. **Moeller JJ,** Kurniawan J, Gubitz GJ, Ross J, Bhan V. Diagnostic accuracy of neurological problems in the emergency department. Can J Neurol Sci 2008;35:335-41.
5. **Moeller JJ,** Rahey SR, Sadler RM. Lamotrigine-valproic acid combination therapy for medically refractory epilepsy. Epilepsia 2009;50:475-9.
6. **Moeller JJ**, Tu B, Bazil CW. Quantitative and qualitative analysis of ambulatory EEG during mild traumatic brain injury. Arch Neurol 2011;68:1595-8.
7. Moeller AD, **Moeller JJ,** Rahey SR, Sadler RM. Depiction of seizure first aid in television medical dramas. Can J Neurol Sci 2011;38:723-7.
8. Sivaraju A, Gilmore EJ, Wira CR, **Moeller JJ**, Greer DM, Hirsch LJ, Gaspard N. Prognostication of Post-Cardiac Arrest Coma: Early Clinical and Electroencephalographic Predictors of Outcome. Intensive Care Med 2015;41:1264-72
9. Chen B, Choi H, Hirsch LJ, **Moeller J**, Javed A, Kato K, Legge A, Buchsbaum R, Detyniecki K. Cosmetic side effects of antiepileptic drugs in adults with epilepsy. Epilepsy Behav 2015;42:129-37.
10. Chen B, Detyniecki K, Hirsch LJ, **Moeller J**, Legge A, Javed A, Kato K, Buchsbaum R, Choi H. Cross-sensitivity of Patient-Perceived Adverse Cognitive Effects with Antiepileptic Drug Use. Epilepsy Behav 2015;46:151-7.
11. Oleradu OA, Hamadu M, Cleary PD, Hittelman AB, Bulsara KR, Laurans MS, DiCapua DB, Marcolini EG, **Moeller JJ***,* Khokhar B, Hodge JW, Fortin AH, Hafler JP, Bennick MC, Hwang, DY. House staff communication training and patient experience scores. J Pat Exp 2017;4:28-36.
12. Lau KHV, Farooque P, Leydon G, Schwartz ML, Sadler RM, **Moeller JJ**. Using Learning Analytics to Evaluate a Video-Based Lecture Series. Med Teach 2017 (accepted for publication).
13. **Moeller JJ** and Fawns T. Insights into teaching a complex skill: Threshold concepts and troublesome knowledge in electroencephalography (EEG). Med Teach 2017 (accepted for publication).

**Peer-Reviewed Educational Materials**

1. **Moeller JJ**, Farooque P, Leydon G, Dominguez M, Schwartz ML, Sadler RM. A video-based introductory EEG curriculum for neurology residents and other EEG learners. MedEdPORTAL Publications. 2017;13:10570. [https://doi.org/10.15766/mep\_2374-8265.10570](https://urldefense.proofpoint.com/v2/url?u=https-3A__doi.org_10.15766_mep-5F2374-2D8265.10570&d=DwMFAg&c=-dg2m7zWuuDZ0MUcV7Sdqw&r=nQLqZQbc7bh0Qnvvvw1BBYDUSsTUTC9Xb_462LmGNTs&m=n_RX5tjKQPTxzNofKdhLNkqIfMuSiimcA91GWW5lFCk&s=XcO9LXvWs5K0o_5W1o8KjuDhw3mxEF0v16TTrNY6Xb8&e=)

**Chapters, Books, and Reviews**

### Maxner CE and Moeller JJ. Visual disturbances and migraine. Curr Neurol Neurosci Rep 2005;5:376-81

### Moeller JJ and Maxner CE. The dilated pupil: an update. Curr Neurol Neurosci Rep 2007;7:417-22.

### Moeller JJ and Hirsch LJ. Epilepsia partialis continua. In: Gilman S, editor-in-chief. *MedLink Neurology*. San Diego: MedLink Corporation. Available at www.medlink.com. 2010.

### Moeller JJ, Sadler RM. Seizures and Epilepsy. In: Repchinsky C, Editor. Therapuetic Choices, 7th Edition. Ottawa: Canadian Pharmacists Association; 2014.

### Moeller J, Arif H, Hirsch LJ*.* Electroencephalography (EEG) in the diagnosis of seizures and epilepsy. *UpToDate*. 2017. www.uptodate.com

### Hirsch LJ, Arif H, Moeller J. Video and ambulatory EEG monitoring in the diagnosis of seizures and epilepsy. *UpToDate*. 2017. [www.uptodate.com](http://www.uptodate.com)

1. Lau KH and **Moeller J.** Reliable cognitive load measurement using psychometrics: towards a model of objective teaching program optimization. Med Educ 2016;50:606-9.
2. Brown DR, Warren JB, Hyderi A, Drusen RE, **Moeller J**, Rosenfeld M et al. Finding a Path to Entrustment in Undergraduate Medical Education: A Progress Report From the AAMC Core Entrustable Professional Activities for Entering Residency Entrustment Concept Group. Acad Med 2017

### Moeller JJ and Hirsch LJ. Diagnosis and Classification of Seizures and Epilepsy. In: Winn HR, ed. Youmans and Winn Neurological Surgery, 7th Edition. Philadelphia: Elsevier; 2017:388-95.

1. **Moeller JJ.** Epilepsy and Seizure Disorders. In: Marshall RS and Mayer SA, eds. On Call Neurology, 4th Edition. Philadelphia: Elsevier; 2017 (in press)

**Case Reports, Technical Notes, Letters**

1. **Moeller JJ**, Shivakumar S, Davis M, Maxner CE. Occipital condyle syndrome as the first sign of metastatic cancer. Can J Neurol Sci 2007;34:456-9.
2. **Moeller JJ**, Macaulay RJB, Valdmanis P, Weston LE, Rouleau GA, Dupré N. Autosomal dominant sensory ataxia: A neuroaxonal dystrophy. Acta Neuropathol 2008;116:331-6.
3. Yung B, **Moeller JJ**, Bitar M, Chong DJ. Teaching NeuroImage: Hemispheric-onset Creutzfeldt-Jakob Disease with concordant MRI and EEG findings. Neurology 2010;75:e66.
4. **Moeller JJ,** Friedman D, Dugan P, Akman CI. Refractory status epilepticus associated with anti-SSA (anti-Ro) antibodies. Can J Neurol Sci 2012;39:660-3.
5. Parks NE, Vandorpe RA, **Moeller JJ**. Teaching NeuroImage: Neurodegeneration with brain iron accumulation in aceruloplasminemia. Neurology 2013;81:e151-2.
6. Sainju R, **Moeller J,** Hirsch, LJ. Teaching NeuroImages: A broadly distributed ictal rhythm easily missed on bipolar montage: "Now you see it…". Neurology 2015;84:e115-16.
7. Schaefer S, **Moeller J**. Anti-GAD antibody syndrome with concomitant cerebellar ataxia, stiff-person syndrome and limbic encephalitis. Neurol Clin Pract 2015;5:502-504
8. Liu A, Suozzi K, Hwang DY, **Moeller JJ**, Lazova R, DiCapua D. Dermatoneuro syndrome: A full recovery after a second episode. Neurol Clin Pract 2016;6:e27-e29.
9. **Moeller JJ**, Hyderi A, Brown DR. Reconciling Entrustment and Competence. J Grad Med Educ 2017 (in press)