

ABDULLAH AL SAWAF, MD

Curriculum Vitae

CONTACT INFORMATION:

**SIU Medicine
751 N Rutledge St
PO Box 19643
Springfield, IL 62794-9643**

EDUCATION AND TRAINING

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|----------------------|---|
| 07/2016-
07/2017 | Fellowship in Epilepsy– University of Vanderbilt Medical Center, Nashville, TN. |
| 05/12-16,
2015 | Participated in the J. Kiffin Penry Residents Epilepsy Program- Wake Forest University, Winston-Salem, NC. |
| 07/2013-
07/2016 | Neurology residency – University of Kentucky Medical Center, Lexington, KY. |
| 07/2012-
07/2013 | Internship internal medicine – University of Kentucky Medical Center, Lexington, KY. |
| 07/2011-
06/2012 | Fellow in Epilepsy and Clinical Neurophysiology– University Hospitals Case Medical Center, Cleveland, OH. |
| 05/2011 –
06/2011 | Observer in the Department of Epilepsy/Neurology, assisted in reading continuous EEG studies for both adult and pediatrics- University Hospitals Case Medical Center & Rainbow Babies Children’s Hospital, Cleveland, OH. |
| 02/2011 –
04/2011 | Participated in 8-week EEG\Epilepsy Intensive Course under the supervision of Drs. Hans Lüders and Michael Devereaux– University Hospitals Case Medical Center, Cleveland, OH. |
| 11/2010 -
02/2011 | Clinical observer rotated on general neurology wards and outpatient autonomic nervous system laboratory- University Hospitals Case Medical Center, Cleveland, OH. |
| 06/2010 –
09/2010 | Postgraduate clerkship in Neurology- KFSH University Hospital, Qassim, KSA |
| 05/2009 –
05/2010 | Clinical observer on neurology wards- University of Wisconsin Hospital and Clinics, Madison, WI. |

- 05/2009 – 05/2010 Research assistant in hNSC transplantation in rodent stroke model. I worked with Dr Mathew Jensen- University of Wisconsin Hospital and Clinics, Madison, WI.
- 02/2009 – 05/2009 Postgraduate clerkship in internal medicine- KFSH University Hospital, Qassim, KSA.
- 09/2008 – 12/2008 Clinical observer in the Emergency Department- Almouasah University Hospital, Damascus, Syria.
- 09/2002 – 06/2008 Medical school: University of Jordan School of Medicine, Amman, Jordan.

CERTIFICATION

- 10/7/2019 EMU CARING – SAFETY IN THE EMU, 10/7/2019.
- 2/8/2018- 2/7/2022 CITI PROGRAM, SIU SCHOOL OF MEDICINE, CONFLICTS OF INTEREST, 1- STAGE 1.
- 2/8/2018- 2/7/2021 CITI PROGRAM, SIU SCHOOL OF MEDICINE, HUMAN RESEARCH, PROTECTION OF HUMAN SUBJECTS, 1- BASIC COURSE.
- 2/8//2018- 2/8/2020 CITI PROGRAM, SIU SCHOOL OF MEDICINE, GOOD CLINICAL PRACTICE, GOOD CLINICAL PRACTICE COURSE, 1- BASIC COURSE.
- 10/2017 American Board in Psychiatry and Neurology (ABPN) Epilepsy board certified.
- 09/2016 American Board in Psychiatry and Neurology (ABPN) board certified.
- 08/2016 Patient Safety in the Epilepsy Monitoring Units (EMU Caring) sponsored by the American Epilepsy Society and the National Epilepsy Centers.
- 05/2016- 05/2020 Basic Life Support Certification– by the AHA.
- 9/14/2018- 9/14/2020 Emergency Neurological Life Support Certification Course, by CAPCE.
- 8/29/2018- 8/29/2020 Advanced Cardiovascular Life Support Recertification Course – by Postgraduate Institute for Medicine.
- 5/10/2018- 5/10/2020 NIHSS Certificate, 03 – NIHSS-English Group C-V3 – 3rd Certification.
- 4/2016- 4/2018 Advanced Cardiovascular Life Support Certification– by the AHA.
- 06/2012- 05/10/18 National Institutes of Health Stroke Scale Certification
- 01/2015 Patient Safety in the Epilepsy Monitoring Units (EMU Caring) sponsored by the American Epilepsy Society and the National Epilepsy Centers.
- 08/2009 Educational Commission for Foreign Medical Graduates (ECFMG) certified.

- 12/2008 Passed the National Qualification Exam for Medical Practitioners; Ministry of Health, Damascus, Syria.
- 06/2008 Bachelor of Medicine, Bachelor of Surgery (MBBS)- University of Jordan School of Medicine, Amman, Jordan.

EMPLOYMENT HISTORY

- 7/2019 Medical director, Advisory committee, Lincoln Land Community College, Neurodiagnostic Technology program.
- 8/2017 - present Assistant Professor of Neurology at SIU HealthCare, Springfield, IL

LICENSURE

- 03/2017 - present Illinois medical license; full regular. Status: active
- Kentucky medical license; full regular. Status: active
- 06/2016 - present

RESEARCH ACTIVITIES

a. National Abstracts:

- **Al Sawaf A;** Abou-Khalil B: Change in seizure frequency after activation of VNS Autostim feature. Accepted for poster presentation at the *American Epilepsy Society (AES) Meeting, Dec 1-5, 2017.*
- **Al Sawaf A;** Long H; Bensalem-Owen M: Assessment of Providers' Practice and Awareness of Cefepime Neurotoxicity in Patients Undergoing Continuous Video-EEG Monitoring for Mental Status Change: A Single Institution Quality Improvement Project. Accepted for poster presentation at the *American Epilepsy Society (AES) Meeting, Dec 1-6, 2016.*
- **Al Sawaf A;** Elkins K; Lee J: Assessment of hospital readmissions in stroke patient population from the Stroke Center at the University of Kentucky: as a quality measure. Accepted for poster presentation at the *American Academy of Neurology (AAN) 67th Annual Meeting, April 2015.*
- Callow M; Hatton H; Arnold D; **Al Sawaf A;** Bensalem-Owen M: Impact of EEG laboratory resources and timeliness of initiation of continuous video-EEG monitoring: a single institution experience. Accepted for poster presentation at the *American Academy of Neurology (AAN) 67th Annual Meeting, April 2015.*
- Callow M; Mitchell J; **Al Sawaf A;** Fee D; Bensalem-Owen M: Ictal Appearing Discharges Terminated with Sensory Stimulations. Accepted for poster presentation at the *American Academy of Neurology (AAN) 67th Annual Meeting, April 2015.*
- Callow M; Mitchell J; **Al Sawaf A;** Fee D; Bensalem-Owen M: Ictal Appearing Discharges Terminated with Sensory Stimulations. Accepted for poster presentation at the *American Clinical Neurophysiology Society (ACNS) Annual Meeting, February 2015.*

b. Poster Presentations:

- **Murr, N.**, et al. (2019); Prevalence and clinico-radiological characteristics of Hippocampal Mal-Rotation (HIMAL) in an Epilepsy Clinic Population; A Retrospective Chart Review (S36.004). *Neurology* 92(15Supplement): S36.004.
- **Al Sawaf A**; Bensalem-Owen M: Assessment of Providers' Practice and Awareness of Cefepime Neurotoxicity in Patients Undergoing Continuous Video-EEG Monitoring for Mental Status Change: A Single Institution Experience. Presented at *the UK Department of Neurology 5th Annual International Epilepsy Symposium; 06/04-06/06/2016*
- **Al Sawaf A**; Bensalem-Owen M: Assessment of Providers' Practice and Awareness of Cefepime Neurotoxicity in Patients Undergoing Continuous Video-EEG Monitoring for Mental Status Change: A Single Institution Experience. Presented at *the Department of Neurology Research Day; May 2016*.
- **Al Sawaf A**; Elkins K; Lee J: Assessment of hospital readmissions in stroke patient population from the Stroke Center at the University of Kentucky: as a quality measure. Presented at the *American Academy of Neurology (AAN) 67th Annual Meeting, April 2015*.
- Callow M; Hatton H; Arnold D; **Al Sawaf A**; Bensalem-Owen M: Impact of EEG laboratory resources and timeliness of initiation of continuous video-EEG monitoring: a single institution experience. Presented at *the American Academy of Neurology (AAN) 67th Annual Meeting, April 2015*.
- Callow M; Mitchell J; **Al Sawaf A**; Fee D; Bensalem-Owen M: Ictal Appearing Discharges Terminated with Sensory Stimulations. Presented at *the American Academy of Neurology (AAN) 67th Annual Meeting, April 2015*.
- Callow M; Mitchell J; **Al Sawaf A**; Fee D; Bensalem-Owen M: Ictal Appearing Discharges Terminated with Sensory Stimulations. Accepted for poster presentation at the American Clinical Neurophysiology Society (ACNS) Annual Meeting & Courses, which will be held February 3-8, 2015.
- **Al Sawaf A**; Bensalem-Owen M: Assessment of 30-day Readmission for the Epilepsy Monitoring Unit at the University of Kentucky. Presented at *the Department of Neurology Resident Research day, May 2014*.

c. Publications:

- **Al Sawaf, A.** and N. Murr (2019). EEG Basal Cortical Rhythms. StatPearls. Treasure Island (FL), StatPearls Publishing.
- **Al Sawaf, A** and N. Murr (2019). Seizure Precautions, StatPearls. Treasure Island (FL), StatPearls Publishing.
- Murphy R; **Al Sawaf A**; Rose D; Goldstein L; Smith C: "Clinical Reasoning: Two see or not two see" - Is It really double vision? *Neurology* 2017 Aug 8;89(6):e56-e60.

- **Al Sawaf, A.** and J. Lee (2015), "Assessment of hospital readmissions in stroke patient population from the Stroke Center at the University of Kentucky: as a quality measure (P5. 150)." *Neurology* 84(14 Supplement): P5. 150.
- **Al Sawaf A;** Berger JR: Longitudinally extensive transverse myelitis suspected for isolated Neuro-Behçet: A Diagnostic Conundrum. *J. MS & related disorders. Sep 2015 Vol4, Issue 5, Pages 395–399.*
- Jensen MB; Yan H; Krishnaney-Davison R; **Al Sawaf A;** Zhang SC: Survival and differentiation of transplanted neural stem cells derived from human induced pluripotent stem cells in a rat stroke model. *Journal of stroke and cerebrovascular diseases: the official journal of National Stroke Association. 2013; 22 (4): 304-8.*
- Jensen MB; Han DY; **Al Sawaf A;** Krishnaney-Davison R: Behavioral Outcome Measures Used for Human Neural Stem Cell Transplantation in Rat Stroke Models. *Neurology international. 2011; 3 (2): e10.*
- Jensen, M.B., et al (2011) Effects of Transplantation of Neural Stem Cells Derived from Human Induced Pluripotent Stem Cells in a Rat Stroke Model. *Neurology, LIPPINCOTT WILLIAMS & WILKINS 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.*
- Jensen MB; **Al Sawaf A;** Zhang SC: A Systemic Review of Human Neural Stem Cell Transplantation in Animal Stroke Models. *European Neurological Journal 2011; 000:(000). Month 2011*
- Shyam R; **Al Sawaf A;** Lhatoo S: Mesial Temporal Lobe Epilepsy from a Surgical Prospective and Outcomes. *3/2012- 5/2012, work in progress.*

d. Quality Improvement Projects:

- **Al Sawaf A;** Bensalem-Owen M: Assessment of Providers' Practice and Awareness of Cefepime Neurotoxicity in Patients Undergoing Continuous Video-EEG Monitoring for Mental Status Change: A Single Institution Experience. *Accepted for poster presentation at the University of Kentucky House Staff QIPS Poster Forum; 06/08/2016.*
- **Al Sawaf A;** Bensalem-Owen M: Assessment of Providers' Practice and Awareness of Cefepime Neurotoxicity in Patients Undergoing Continuous Video-EEG Monitoring for Mental Status Change: A Single Institution Experience. *Accepted for poster presentation at the Department of Neurology Research Day, University of Kentucky Health Care; 05/01/2016.*
- **Al Sawaf A;** Bensalem-Owen M: Assessment of 30-day Readmission for the Epilepsy Monitoring Unit at the University of Kentucky. Presented at *Resident Research day, University of Kentucky Health Care; 05/2014.*
- **Al Sawaf A;** Bensalem-Owen M: 30 day readmissions incurred from EMU admissions, and the factors that may increase risk for such readmissions 2012-2014. The project is conducted by the Quality Subcommittee of the AES; PI: Gabriel Martz. *In progress.*
- **Al Sawaf A;** Elkins K; Lee J: Assessment of Readmission Rates for Stroke Patients at the University of Kentucky. Accepted for poster presentation at the Resident QIPS Poster Forum at the University of Kentucky Health Care; December 11th, 2014.

e. Principal Investigator:

- Change in VNS Efficacy with Addition of Responsive Stimulation Based on Ictal Tachycardia. IRB# 19-419.
- UCB EP0092: A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Padsevonil as Adjunctive Treatment of Focal-Onset Seizures in Adult Subjects with Drug-Resistant Epilepsy. IRB# 19-442B.
- Improving Administration Time of Anti-Epileptic Drug Load Doses in Patients with Status Epilepticus. IRB# 19-464.
- The SIU Neuroscience Institute Epilepsy Center Clinical Registry. IRB# 18-347.
- A retrospective, and prospective cohort “Change in VNS efficacy with addition of responsive stimulation based on ictal tachycardia”, supervised by Dr. Bassel Abou-Khalil (co-investigator), IRB#170168.

f. Sub-investigator:

- Protocol N01199: An open-label, multicenter, follow-up trial to evaluate the long-term safety and efficacy of brivaracetam used as adjunctive treatment at a flexible dose up to a maximum of 100 mg/day in subjects aged 16 years or older suffering from epilepsy.
NCT00175916, PI: Abou-Khalil, Sponsor: UCB Biosciences
- Protocol #P261-401: A Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Intranasal Midazolam (USL261) in the Outpatient Treatment of Subjects with Seizure Clusters
NCT01390220, PI: Abou-Khalil, Sponsor: Upsher Smith Laboratories
- Protocol #P261-402: An Open-Label Safety Study of USL261 in the Outpatient Treatment of Subjects with Seizure Clusters
NCT01529034, PI: Abou-Khalil, Sponsor: Upsher Smith Laboratories
- Protocol N01379: An Open-Label, Multicenter, Follow-up Study to Evaluate the Long-Term Safety and Efficacy of Brivaracetam Used as Adjunctive Treatment in Subjects Aged 16 Years or Older with Partial Onset Seizures
NCT01339559, PI: Haas, Sponsor: UCB Biosciences
- Protocol YKP3089C017: A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Dose-Response Trial of YKP3089 as Adjunctive Therapy in Subjects with Partial Onset Seizures with Optional Open-Label Extension
NCT01866111, PI: Abou-Khalil, Sponsor: SK Life Science
- Protocol YKP3089C021: An Open Label, Multicenter, Safety and Pharmacokinetic Study of YKP3089 as Adjunctive Therapy in Subjects with Partial Onset Seizures
NCT02535091, PI: Abou-Khalil, Sponsor: SK Life Science
- High Performance Seizure Monitoring and Alert System
PI: Haas, Sponsor: Optima Neuroscience
- RNS® System Post-Approval Study in Epilepsy.
NCT02403843, PI: Haas, Sponsor: NeuroPace

- Protocol B7431005: A Double Blind, Randomized, Cross-Over Study Examining Efficacy of PF-06372865 In a Photosensitivity Epilepsy Study Using Lorazepam as a Positive Control. NCT02564029, PI: Abou-Khalil, Sponsor: Pfizer

g. Book Chapters and Others:

- **Al Sawaf A**; Kapoor S; co-authored chapter: Anoxic Brain Injury. In: Fred F. Ferri MD FACP. Ferris Clinical Advisor 2017.
- **Al Sawaf A**; authored an article title: "Beyond the hammer is a reflex!"; in the neurology residents' quarterly newspaper- "*The Hammer*"; Dec 2015.
- **Al Sawaf A**; Kapoor S; co-authored chapter: Anoxic Brain Injury. In: Fred F. Ferri MD FACP. Ferris Clinical Advisor 2015.

SCHOLARLY ACTIVITIES

a. Professional Meetings

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|----------------|--|
| 10/11-12, 2019 | EP0092 DUET Investigator Meeting, October 11-12, 2019 in Atlanta, USA. |
| 6/15/2019 | DBS for Epilepsy in Aurora, CO on Friday, June 14, 2019 to Saturday, June 15, 2019. |
| 2/2019 | Attend the 2019 ACNS Annual Meeting & Courses February 6-10, 2019 in Las Vegas, NV. |
| 4/20/2018 | Attend, the 9 th Annual Symposium for Teaching and Learning, Memorial Medical Center, 4/20/2018. |
| 4/2018 | Attended the 2018 American Academy of Neurology (AAN) Annual Meeting April 21-27, 2018 in Los Angeles, CA |
| 12/2017 | Attended the AES 2017 Annual Meeting, December 1-5, at the Walter E. Washington Convention Center in Washington, D.C. |
| 12/2016 | Attended the AES 2016 Annual Meeting, December 2-6, at the George R. Brown Convention Center in Houston, Texas. |
| 10/2016 | Attended the 4 th Biennial and Clinical Neurophysiology Conference, held Oct 14-15 at the University of Vanderbilt Medical Center, Nashville, TN. |
| 6/2016 | Attended the 5 th Annual International Epilepsy Symposium, held June 3-4 at the Albert B. Chandler Hospital, University of Kentucky Health Care, Lexington, KY. |
| 04/2016 | Attended Practical Update for Neurology & Neurosurgery, held April 29th at the Albert B. Chandler Hospital, University of Kentucky Health Care, Lexington, KY. |
| 02/2016 | Attended the American Clinical Neurophysiology Society (ACNS) 2016 Annual Meeting & Courses, held February 10-14, 2016 at Orlando, FL. |

- 12/2015 Attended the 19th North American Neuromodulation Society (NANS) meeting, Las Vegas, NV.
- 11/2015 Attended the Markesbery Symposium on Aging & Dementia held on Fri, November 20, 2015 at the Albert B. Chandler Hospital, University of Kentucky Health Care, Lexington, KY.
- 04/2015 Presented posters at the American Academy of Neurology (AAN) 67th Annual Meeting, April 18-25, 2015, Washington, DC.

b. Courses and Workshops

- 10/10/2019 Patient Selection For ANT DBS Therapy Webinar. 10/10/2019, 5-6 p.m. Robert Fisher, MD.
- 3/28/2017 Attended the NeuroPace RNS SimpleStart Training held during at Vanderbilt Medical Center, Tuesday, March 28, 2017.
- 12/1-12/2/2016 Participated in the Fellows Program at the AES 2016 meeting.
- 12/10/2015 Attended the NANS 2015 Neuromodulation Cadaver Course for Advance Implantable Therapies: A Hands- On Cadaver Course, held at the Oquendo Center, Las Vegas, NV.
- 05/2015 Nominated to attend the J. Kiffin Penry Residents' Epilepsy Program of *Wake Forest University*, Winston-Salem, NC.
- 11/2013 Attended Focus on Movement Disorders conference; held at the *University of Vanderbilt Medical Center*, Nashville, TN
- 02/2011 – 04/2011 Participated in the EEG/Epilepsy Intensive Course, run at the *University Hospitals Case Medical Center*, Cleveland, OH.
- 01/2011-03/2011 Attended intensive course in Biostatistics - 20 credit hours, *CWR University*

c. Teaching:

- Present, EEG Course, SIU Medicine, Department of Neurology, Routine EEG Case Studies (Abnormal EEG's), 1/2/2020.
- Present, EEG Course, SIU Medicine, Department of Neurology, Generalized Encephalopathies, 12/3/2019
- Present, EEG Course, SIU Medicine, Department of Neurology, Pediatric EEG, 11/5/2019.
- Present, EEG Course, SIU Medicine, Department of Neurology, Routine EEG Case Studies, 10/29/2019.
- Present, Lincoln Land Community College (LLCC) END students, Review EEGs, 10/22/2019.

- Present, SIU Neurology/Neurosurgery Educational Series, Clinical Pathology Conference, 54-Year-Old Female With Encephalopathy. 10/16/2019.
- Present, EEG Course, SIU Medicine, Department of Neurology, Normal Adult EEG. 10/15/2019.
- Present, EEG Course, SIU Medicine, Department of Neurology, Approach to EEG Interpretation and Dipoles. 10/1/2019.
- Present, Neurology Neuroanatomy Course, SIU Medicine, Department of Neurology, Book: Neuroanatomy through clinical cases, 2nd Edition. 9/30/2019.
- Present, Lincoln Land Community College (LLCC) END students, Review EEGs, 9/24/19.
- Present, EEG Course, SIU Medicine, Department of Neurology, Digitization and Recording Techniques. 9/17/2019.
- Present, EEG Course, SIU Medicine, Department of Neurology, Cortical Generators and EEG Voltage fields. 9/3/2019.
- Present, Boot Camp for Neurology Residents, SIU Medicine, Seizures & Status Epilepticus, 7/1/2019.
- Present, Seizures & Epilepsy: Quality Care Takes Teamwork, President Abraham Lincoln Hotel, Epilepsy Foundation and SIU Medicine, 6/13/2019.
- Present, Neurophysiology Course, SIU Medicine, Epilepsy surgery evaluation, 4/23/19.
- Present, Neurophysiology Course, SIU Medicine, EEG review, 3/19/2019.
- Present, Neurophysiology Course, SIU Medicine, Pediatric EEG, 3/12/2019.
- Present to Lincoln Land Community College (LLCC) END students, Review EEGs, 2/27/2019
- Present, SIU Neurology Journal Club, Lasmiditan is an effective acute treatment for migraine, February 11, 2019.
- Neuromuscular Behavioral Unit on "CN Infection: Neurology, Pathology & Pharmacology, Dr. AlSawaf, Dr. Ramkumar and Dr. Sass. 2/04/2019.
- Clinical Observer for second year medical students, SIU Medicine. 1/31/2019.
- Neuromuscular Behavioral Unit (NBM) Neuro Exam Day for MSY3. 1/25/19.
- Review, Seizures and Epilepsies: a review for the RITE Exam with Neurology Residents, 1/22/2019.
- Clinical Observer for second year medical students SIU Medicine. 12/17/2018.
- Present, SIU Neurology/Neurosurgery Educational Series Grand Rounds, Clinical Pathology Conference, 86-Year-Old Female with progressive Decline in Cognition and Walking for 6-7 Weeks, 11/21/2018.
- Present, Memorial Events, Epilepsy Treatments, Trends and Outlook, MCLI, 11/8/2018.

- Present, Neurophysiology Course, SIU Medicine, Periodic EEG abnormalities and Drug effects and toxic encephalopathies, 10/30/2018.
- Present, Neuroscience Course, SIU Medicine, Epilepsy: Prognosis of epilepsy and status epilepticus, 10/26/2018
- Present, Neuroscience Course, SIU Medicine, Epilepsy: Semiology in partial epilepsy, 10/19/2018.
- Present, Neurophysiology Course, SIU Medicine, Non-epileptiform EEG abnormalities, 10/16/2018.
- Clinical Observer for second year medical students in Internal Medicine at SIU Medicine. 10/15/2018.
- Present to Lincoln Land Community College (LLCC) END students, Benign EEG variants and review Abnormal EEGs, 10/8/2018.
- Present, Neuroscience Course, SIU Medicine, Epilepsy: Introduction and overview, 9/14/2018.
- Present, Boot Camp for Neurology Residents, SIU Medicine, Seizures & Status Epilepticus, 7/2/2018.
- Summative Clinical Competency Exam (SCCX) Remediation course for students. Topics: Syncope, Gait Disturbance, and Weakness, 6/21/2018.
- Review EEGs with Lincoln Land Community College (LLCC) END students, 5/2/2018.
- Review, Resident Chart Stimulated, SIU Medicine, 4/23/2018.
- Review, Resident Chart Stimulated, SIU Medicine, 4/11/2018.
- Review EEGs with Lincoln Land Community College (LLCC) END students, 3/28/2018.
- Presented Neurophysiology Course, Normal Pediatric EEG, Neonates and Children, SIU Medicine, 3/13/2018.
- Presented Neurophysiology Course, Normal Pediatric EEG: Neonates and Children, SIU Medicine, 3/6/2018.
- Presented SIU Neurology Education Series, Speaker Conference, "Update on Neuromodulation Use in Epilepsy". 2/28/2018.
- Clinical Observer for second year medical students in Internal Medicine at SIU Medicine. 2/26/2018.
- Presented Journal Club, SIU Medicine, "Efficacy and safety of non-immersive virtual reality exercising in stroke rehabilitation (EVREST): a randomized, multicenter, single-blind, controlled trial". 1/29/2018.
- Neuromuscular Behavioral Unit on "CN Infection: Neurology, Pathology & Pharmacology, Dr. AlSawaf, Dr. Ramkumar and Dr. Sass. 1/29/2018.
- Neuromuscular Behavioral Unit (NBM) Neuro Exam Day for MSY3. 1/19/18.
- Presented EEG Recording part 2, as part of Neurophysiology Course, SIU Medicine, 1/16/2018.

- Presented SIU Neurology Educational Series, Grand Rounds, 58-Year-Old Female With Tremor. 1/10/2018.
- EEG Recording part 1, as part of Neurophysiology Course, SIU Medicine, 1/02/2018
- Pediatric and Neonatal EEG; as part of Clinical Neurophysiology Program Series, VUMC. 1/10/2017.
- Neuromodulation in Epilepsy, a topic I presented in Neurology Grand Rounds. UKMC. 05/10/2016.
- Approach to Patient with Dizziness. *Presented as part of intern & medical student lecture curriculum. UKMC, 03/21/2016.*
- Presented on the Clinical Neuropathology Conference; presented a case of *Rhinocerebral Mucormycosis*. UKMC. 03/17/2016.
- Mentored medical students sessions to perform neurology physical examination simulated on normal human subjects, UKMC. 2015/2016.
- Presented on Journal Club Conference; discussed article: *Vincent Alvarez et al: Second-line status epilepticus treatment: Comparison of phenytoin, valproate, and levetiracetam. Epilepsia, 52(7):1292–1296, 2011. UKMC. 03/04/2016.*
- Presented at Neurology Grandrounds at the University of Kentucky; “*Bilateral monocular diplopia; is it real?*”, UKMC. 09/2015.
- Acute Transverse Myelitis in Pediatric Age Group. *Presented at the pediatric neurology weekly conference, UKMC. 01/2015.*
- Localizing signs in Epilepsy. *Presented at the Epilepsy/EEG monthly conference, UKMC. 10/2014.*
- Approach to Patient with Dizziness. *Presented as part of intern & medical student lecture curriculum, UKMC. 2013-2016.*
- Adult Neurological Emergencies. *Presented as part of intern & medical student lecture curriculum, UKMC. 05/2014.*
- Electrocardiographic and oximetric changes during partial complex and generalized seizures. *Presented during journal club at the University Hospitals Case Medical Center, Department of Epilepsy. 11/2011.*

PROFESSIONAL DEVELOPMENT/TRAINING:

- Attend, AAN Webinar: EEG and E/M Coding Updates in 2020, 12/12/2019.
- Attend, WebEx meeting, Patient Experience 6. 10/17/2019.
- Attend, Fall Program Director Educational Session, Inn at 835, 835 S. 2nd Street, Springfield, IL., 10/16/2019.

- Attend, Webex event on Patient Selection for ANT-DBS Therapy, Medtronic, 10/10/2019.
- Attend, DBS for Epilepsy training, Medtronic, Aurora, CO., 6/14-15, 2019.
- Attend, Memorial Health System and SIU School of Medicine, Pain Classification: Practical Application for Physician Practice. 2/1/2019.
- Attend, Memorial Health System Executive Lean Six Sigma White Belt 2018 Training Course, Springfield, IL, 11/16/2018.
- Attend, Botox spasticity training – Brandon Bazzoli from Allergan, Springfield, IL, 10/31/2018.
- Attend, SIU Medicine, InsideOut Coaching – Helping Others Achieve Performance Breakthroughs – Part 2, Springfield, IL, 10/15/2018.
- Attend, SIU Medicine, InsideOut Coaching – Helping Others Achieve Performance Breakthroughs – Part 1, Springfield, IL. 10/1/2018.
- Attend, Succeed Faculty Development Series, SIU Medicine. Presentation Skills – Dr. Han, 6/21/2018.
- Attend, Succeed Faculty Development Series, SIU Medicine. Presentation Skills – Dr. Han, 6/20/2018.
- Attend, SIU Medicine Faculty Development Series, Skills for Crucial Conversations, 5/22/2018.
- Attend, SIU Medicine, Photoshop: Preparing Images for Posters and Manuscripts, 5/14/2018.
- Attend, SIU Medicine Succeed Faculty Development Series, Going Beyond the Pre and Post Test: Measuring Skill Development, Dr. Hitt, 5/10/2018.
- Certificate of Completion of 03-NIHSS-English Group C-V3 – 3rd Certification on 5/10/2018.
- Attend, the 9th Annual Symposium for Teaching and Learning, Memorial Medical Center, 4/20/2018.
- Attend, Succeed Faculty Development Series, SIU Medicine. Creating Video Lectures Utilizing Multimedia Learning Principles – Dr. Han, Springfield, IL., 3/15/2018.
- Attend, Endnote Desktop training run by Library E-education Facility. 2/22/2018.
- Attend, Faculty Development Series, SIU Medicine. Teaching-Service Balance: Is a Workplace Curriculum the Answer? 2/15/2018.
- Attend, Faculty Development Series, SIU Medicine. Implicit Bias by Sacharitha Bowers, MD. 1/23/2018.
- Attend, Faculty Development Series, SIU Medicine. Cognitive Learning Strategies by Jeanne Kohler, 11/16/2017.
- Attend, Common Rule (45 CFR 46) Revision IRB Trainings. 11/20/2017.

ADMINISTRATIVE ROLE AND HONORS

7/1/2019	Director, Clinical Neurophysiology Laboratory, Memorial Medical Center.
7/1/2019	Co-Director, Memorial Epilepsy Center.
5/1/2019	Associate Program Director, Neurology program.
1/28/2019	Patient Experience Committee, SIU Medicine.
2018/2019	Advisor, Clerkship, Year 2 & 3 students – 4 students assigned.
5/15/2018	Serve on the Neurology program Evaluation Committee.
3/2018	Member, Advisory Committee, Lincoln Land Community College, Neurodiagnostic Technology Program (NDT) Springfield, IL.
3/30/2018	Serve on the Staff Appreciation Committee for Neuroscience Institute (NSI), SIU Medicine.
5/1/2018 5/1/2021	Appointed, to ACNS Resident/Fellow Education Committee.
2017	Member, Advisory Committee, Lincoln Land Community College, Neurodiagnostic Technology program.
07/2015- 7/2016	Adult neurology Chief Resident.
07/2014- 6/2015	Chief resident-assistant for academic matters.
07/2012- 7/2016	Neurology Resident Representative for Class 2016.
2002	Award of Academic Excellence at 12 th grade; awarded by the Ministry of Education for the top ten students nationwide.
1996- 2002	Memorial Shields of Excellence was granted by my schools yearly for six consecutive years for exceptional academic and extracurricular performance.
1999- 2000	Honorary Boy Scout Award; granted both years by the Ministry of Education for successful leadership.

PROFESSIONAL MEMBERSHIPS

06/2016- present	Member in the American Epilepsy Society (AES).
02/2016- present	Member in the American Clinical Neurophysiology Society (ACNS).

12/2015- present	Member in the American Medical Association (AMA).
05/2015- present	Alumnus in the J. Kiffin Penry Epilepsy Mini-fellow Network.
02/2015- present	Member in the Commonwealth Neurological Society.
01/2014- present	Member in the American Academy of Neurology (AAN).
10/2015- 10/2016	Member in the North America Neuromodulation Society (NANS).
07/2013- 7/2016	Central Kentucky Epilepsy Support Network – University of Kentucky Medical Center.
07/2012- 7/2016	Lexington Medical Society.
07/2012- 12/2013	Junior Intern, American Academy of Neurology (AAN).
09/2004 – 06/2008	Volunteered in the Blood Bank Friends Club. I helped to organize campaigns for blood donation.
09/2002 – 06/2008	Volunteered in Arab & Foreign Students Club that organizes cultural exhibitions meant to encourage cultural education.

LANGUAGES

- English; fluent in written and spoken language.
- Arabic; native language.

HOBBIES AND INTERESTS

- Karate (black belt). Other sports: swimming, table tennis, biking, and hiking.
- Computer programming and networking.
- Arabic Calligraphy.
- Specialty oriental cooking.