

Curriculum Vitae

Yara Mikhaeil-Demo, M.D.

PERSONAL INFORMATION

Citizenship: USA
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EDUCATION:

3/2007 **B.S. in Neuroscience, *summa cum laude***
University of California, Los Angeles (UCLA), Los Angeles, California

5/2012 **M.D.**
Northwestern University, Feinberg School of Medicine, Chicago, Illinois

GRADUATE MEDICAL EDUCATION:

2012-2013 **Internship, Internal Medicine**
Northwestern University, Chicago, Illinois

2013-2016 **Residency, Neurology, Physician Scientist Training Program (PSTP)**
Northwestern University, Chicago, Illinois

2015-2016 **Chief Resident, Neurology**
Northwestern University, Chicago, Illinois

7/2016-6/2017 **Fellowship Training, Clinical Neurophysiology**
Northwestern University, Chicago, Illinois

7/2017-6/2018 **Fellowship Training, Epilepsy**
Northwestern University, Chicago, Illinois

ACADEMIC APPOINTMENTS

9/2018- 7/2020 **Assistant Professor of Neurology, Tenure Track**
Associate Director, Neurology Clerkship
Department of Neurology, University of Illinois, Chicago Illinois

1/2019-8/2020 **Adjunct Assistant Professor**
Department of Medical Education, Northwestern University, Feinberg
School of Medicine, Chicago, Illinois

9/2020-Present **Assistant Professor of Neurology**
Department of Neurology, Northwestern University, Feinberg School of
Medicine, Chicago Illinois

HOSPITAL APPOINTMENTS

- 09/18-7/2020 Epileptologist/Clinical Neurophysiologist/Neurologist
University of Illinois Hospital & Health Sciences System, Chicago, Illinois
- 09/2020-Present Epileptologist/Clinical Neurophysiologist/Neurologist
Northwestern Medicine, Chicago, Illinois
- 8/2021-Present Epileptologist/Clinical Neurophysiologist/Neurologist
Northwestern Medicine, Palos Hospital

LICENSURE

- 2016 Illinois Medical License- Physician and Surgeon (active)

CERTIFICATIONS

- 2016 American Board of Psychiatry and Neurology – Neurology (60279)
- 2017 American Board of Psychiatry and Neurology- Clinical Neurophysiology
(2953)
- 2018 American Board of Psychiatry and Neurology-Epilepsy (1731)

CURRICULAR TRAINING:

- November 2014 J. Kiffin Penry Residents Epilepsy Program
Winston-Salem, North Carolina
- October 2016 5th North-America Training Course on Stereoelectroencephalography
Saint-Alexis-Des-Monts, QC, Canada
- July 2017 Designing and Implementing Simulation-Based Mastery Learning
Curricula
Northwestern University, Chicago, Illinois
- August 2017 J. Kiffin Penry Mini-Fellowship Program: Neurostimulation for Epilepsy
Winston-Salem, North Carolina
- July 2019 Education and Professional Development Short Course in Clinical and
Translational Research Methods
University of Illinois, Chicago, Illinois
- Fall 2019 Fundamental of Drug Actions (audited the course)
University of Illinois, Chicago, Illinois
- July 2020 Persuasive Grant writing Workshop
University of Illinois, Chicago, Illinois
- April 2021 Life Coach Certificate (6 months program)
The Life Coach School, Online program
- March 2021-Present Organizational and Leadership Coaching Certificate (OLCC)
School of Education and Social Policy

Northwestern University, Chicago, Illinois

OTHER WORK EXPERIENCE:

- 8/2008-7/2009 **Professional Arabic Medical Interpreter**
Independent contractor, Chicago, Illinois
- 09/2011-05/2012 **NUvention, Medical Innovation**
Chicago, Illinois
An interdisciplinary effort between students from medical, business, law, and engineering schools focused on medical innovations. We established a company, Ryonax, and invented a TriSafe valve™, a novel device to passively and continuously eliminate air from IV tubing. We filed a provisional patent and developed a business plan.

HONORS AND AWARDS:

- 2005-2007 Howard Hughes Undergraduate Research Scholar, UCLA
- March 2007 Summa cum laude-Awarded to the top 5% of graduates from UCLA
- October 2008 First place winner of the Northwestern University Medical Students Summer Research Program Poster Symposium
- April 2009 Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship Award- awarded annually to 50 students with research proposal judged to be the most promising
- 2014-2015 Door To Needle Champion Award in recognition of the fastest door to tissue plasminogen activator administration time for stroke patients
- 2014, 2015, 2016 Outstanding Teaching Award for teaching in the Northwestern University Feinberg School of Medicine teaching selective course
- 2015-2016 Chief Resident, Northwestern Neurology Residency
- June 2016 Resident Teacher of the Year Award in recognition for excellence in teaching medical students
- September 2017 American Epilepsy Society Fellows Travel Award Program.
- September 2020 Elected to Feinberg Academy of Medical Educators (FAME)
- February 2021 Fellow of the American Clinical Neurophysiology Society (FACNS)

PROFESSIONAL SOCIETY MEMBERSHIPS:

- 2006-2007 Member, Society for Neuroscience (SFN)
- 2007-2012 Member, American Medical Association (AMA)
- 2007-2012;
2021-Present Member, American Medical Women Association (AMWA)

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2013-Present Member, American Academy of Neurology (AAN)
2016-Present Member, American Clinical Neurophysiology Society (ACNS)
2017-Present Member, American Epilepsy Society (AES)
2018-Present Member, Young Epilepsy Section (YES)-The International League
Against Epilepsy (ILAE)
2021-Present Affiliate Member, Institute of Coaching, at McLean Hospital, Harvard
Medical School affiliate.

PROFESSIONAL ACTIVITIES:

INSTITUTIONAL SERVICE (Committees, Councils, Task Forces)

2007-2008 Served on the M1 Review Panel for the Medical Decision Making course at Northwestern University, Feinberg School of Medicine.

Spring 2011 Served on the Success On The Wards Committee, a student-to-student guide to help third year medical students get the most out of their rotations at Northwestern University, Feinberg School of Medicine.

2011-2012 Served on the M3 Review Panel for the Neurology Clerkship at Northwestern University, Feinberg School of Medicine.

Winter 2014 Edited and updated the Residents Survival Guide, a resident-to-resident guide that provides incoming neurology residents with quick medical references and residency survival tips.

12/2014-6/2018 Served as the neurology department representative of the McGaw Housestaff Association (HSA) at Northwestern University. HSA meets 6-8 times a year to discuss residents' concerns (housestaff health insurance, child care, etc). Appropriate issues are then brought to the Graduate Medical Education (GME) Committee.

6/2015-6/2016 Served on the Neurology Stroke Quality Improvement Committee at Northwestern University.

7/2015-6/2016 Served on the Neurology Residency Task Force at Northwestern University. The mission of the task force was to review the neurology rotations and didactic curriculum and revise the curriculum to reflect the ABPN core competencies and the ACGME neurology milestones for our residency-training program.

1/2017-6/2018 Served on the Medical Students Education Task Force at Northwestern University. The mission of the task force is to critically review and update the medical school neurology curriculum.

10/2018-7/2020 Associate Director, Neurology Clerkship at the University of Illinois, Chicago.

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10/2018-7/2020	Served on the Educational Committee at the University of Illinois, College of Medicine, Chicago.
9/2018-2/2020	Served on the interview committee for applicant to the neurology residency program at the University of Illinois, College of Medicine, Chicago.
10/2018-4/2019	Served as an interviewer for MD candidate at the University of Illinois, College of Medicine, Chicago.
8/2019-7/2020	Served on the University of Illinois College of Medicine Chicago Campus Phase 2/3 Curricular Subcommittee.
8/2019-7/2020	Served as the appointed faculty leader for career advising for medical students interested in neurology at the University of Illinois College of Medicine, Chicago.
9/2019-7/2020	Served on the University of Illinois College of Medicine Chicago Campus Student Promotion Committee.
11/2019	Served as a poster judge at the University of Illinois, College of Medicine 2019 Research Forum.
9/2020-12/2020	Served as a volunteer physician coach for the American Medical Woman's Association (AMWA) IGNITE program, to identify and assess impact of microaggression.
9/2020-Present	Director of the Ketogenic Diet Clinic at Northwestern Medicine Comprehensive Epilepsy Center, Northwestern University, Chicago IL
12/2020-2/2021	Served as a volunteer physician coach for the vascular surgery residency program at Rush Medical Center.
12/2020- Present	Member of the Northwestern University Neurology Residency Clinical Competency Committee (CCC).
1/2021-3/2021	Served as a volunteer physician coach for the pediatric residency program at Inova Fairfax Hospital.
1/2021- Present	Member of the Northwestern University Neurology Department Residency and Fellowship Wellness Committee.
1/2021- Present	Serve as a physician coach for American Medical Woman's Association (AMWA) program
2/2021- Present	Member of the Northwestern University Neurology Department Faculty Wellness Committee

- 8/2021-Present Served as an interviewer for MD candidate at Northwestern University, Feinberg School of Medicine
- 8/2021-Present Member of the Women Faculty Organization
- 10/2021-Present SIGN Faculty Liaison
- 1/2022-Present Serve on the Problem Based Learning Course Steering Committee

EXTRAMURAL MEMBERSHIP

- 5/2018-2/2019 Member of the Residents/Fellows Education Committee
American Clinical Neurophysiology Society
- 9/2018-Present Northwestern Annual Advances in Epilepsy and EEG CME Symposium
Planning Committee
- 3/2019-7/2020 Site PI, Critical Care EEG Research Consortium (CCERMC),
American Clinical Neurophysiology Society
- 4/2019-Present Professional Advisory Board/Medical Advisory Council, Epilepsy
Foundation of Greater Chicago
- 2/2020-2/2022 Member of the MOC/Exam Committee
American Clinical Neurophysiology Society
- 5/2021 Course Chair: Rescue Medications, at the Northwestern Fifth Annual
Advances in Epilepsy and EEG CME Symposium
- 2/2021-2/2022 Member of the Continuing Medical Education Committee
American Clinical Neurophysiology Society

TEACHING

- 2013-2018 **Medical Students Neurology Core Clerkship**
Northwestern University Feinberg School of Medicine
Helped run the lumbar puncture training workshop. Also taught students
about neuroradiology and provided them with introductory lectures to the
neurology clerkship.
- 2014-2016 **Northwestern University Feinberg School of Medicine Medical
Educator Professional Development Program: Lifelong Learners and
Leaders – Resident Teacher Focus**
Northwestern University Feinberg School of Medicine
Observed fourth year medical students teaching and provided them with
feedback on their teaching skills and educated them on ways to become
effective teachers.

- 2014-Present **Neurology Residency Boot Camp**
Northwestern University
Teach in the Neurology Residency Boot Camp, an intense interactive course presented annually to incoming neurology residents.
- 2014-2018;
2021-Present **Neurology Residency Core Didactics**
Northwestern University
Taught multiple conferences including noon conference, clinical case conference, neuroanatomy lectures and test review lectures.
- 2016-2018;
2020-Present **Clinical Neurophysiology and Epilepsy Fellowship Core Didactics**
Northwestern University
Taught multiple conferences including the Neurophysiology Fellows Lecture Series and Fellows Journal Club.
- Summer 2017 **EEG Technicians Educational Curriculum**
Northwestern University / Neurotech LLC
Developed and implemented a yearlong educational curriculum for EEG technicians. The curriculum is divided into basic sessions for beginners, and advanced sessions for experienced technicians.
- 2017–Present **Neurology Residency Education, Mastery Learning in the Management of Seizures and Status Epilepticus**
Northwestern University
Developed a new simulation-based mastery learning curriculum in the management of seizures and status epilepticus. This curriculum is supported by a grant from the Northwestern Simulation Department.
- 2018-2020 **Medical Students Neurology Core Clerkship**
University of Illinois, Chicago
Taught multiple lectures and case-based sessions.
- 2018-2020 **Neurology Residency Core Didactics**
University of Illinois, Chicago
Taught multiple conferences including noon conference and clinical case conferences.
- 2018-2020 **Clinical Neurophysiology and Epilepsy Fellowship Core Didactics**
University of Illinois, Chicago
Taught multiple noon conferences and fellows' journal club.
- 2020-2021 **Problem Based Learning (PBL)**
Northwestern University Feinberg School of Medicine, Chicago, IL
Served as a facilitator for the nephrology module PBL and the psychology module PBL
- 2021 **Lifestyle Medicine Course**
Northwestern University Feinberg School of Medicine, Chicago, IL

Served as a small group leader for the Lifestyle Medicine Course

RESEARCH GRANTS

Active support:

9/1/21- 8/31/2022

GME Simulation Grant

Role: Course Co-founder; Co-investigator

Title: Mastery learning in the management of seizures and status epilepticus

Description: This grant supports the implementation of a simulation-based curriculum to enable PGY2 neurology residents to achieve mastery in managing status epilepticus.

4/2021-Present

U.S Department of Health and Human Services

Role: Co-investigator

Title: Awareness and Access to Care for Children and Youth with Epilepsy

Description: Grant support allows for the development of safe transition of care for youth with epilepsy to adult epilepsy care.

Past Support

9/17-8/2021

GME Simulation Grant

Role: Course Co-founder

Title: Mastery learning in the management of seizures and status epilepticus

Description: This grant supported the implementation of a simulation based curriculum to enable PGY2 neurology residents to achieve mastery in managing status epilepticus.

7/1/2019-6/30/2020

Illinois Department of Human Services (IDHS) Grant (Serafini, A)

Role: Co-investigator

Title: Services for Epilepsy Program

Description: IDHS grant support allows for a multidisciplinary approach to enhance access and availability of high-level social, educational, and subspecialty care services to patients with epilepsy seen at the University of Illinois Hospital & Health Sciences System.

8/1/19-7/31/2020

DOD/CURE TBI Consortium, Grant W81XWH (Loeb, J)

Role: Co-investigator

Title: Targeting epileptogenic effects of subarachnoid blood in TBI

Description: The major goal of this project is to understand risk factors for developing epilepsy after traumatic brain injury.

RESEARCH EXPERIENCE:

Spring 2005

Student Research

University of California Los Angeles, Department of Molecular, Cell, and Developmental Biology

Preceptor: Utpal Banerjee, PhD

Utilized mitotic recombination in *Drosophila*'s eyes to study the function of ten different genes.

2/2005-3/2007

Howard Hughes Undergraduate Research Scholar

University of California Los Angeles, Department of Physiological Science

Preceptor: Niranjala Tillakaratne, PhD and Reggie Edgerton, PhD

Demonstrated that serotonin treatment and robotic training in spinal cord-transected mice resulted in increased level of P-AMPA receptors in motoneurons. This paralleled behavioral improvements in stepping, and could be linked to a serotonin receptor dependent learning mechanism in the spinal cord. This research led to multiple presentations including a poster presentation at the Society for Neuroscience annual conference where I was first author.

6/2007-8/2007

Summer Research Fellow

Northwestern University, Department of Neurosurgery

Preceptor: Bernard Bendok, MD

Performed literature review to help design a study to assess quality of life in patients with unruptured untreated intracranial aneurysms.

6/2008-6/2009

Student Research

Northwestern University, Department of Neurology

Preceptor: John Kessler, MD

Investigated the role of depolarization in activating the signaling pathway involved in neural progenitor cell proliferation. This research led to a presentation at the Northwestern University Medical Students Summer Research Poster Symposium where I was first author.

7/2014-6/2016

Quality Improvement Project

Northwestern University, Department of Neurology

Preceptor: Ilana Ruff, MD

Created a stroke rounds checklist that is available as part of the electronic medical record to help improve compliance with the hospital's Exceptional Care Dashboard and comprehensive stroke center performance measures.

6/2015-Present

ICU EEG Research

Northwestern University, Department of Neurology

Preceptor: Elizabeth Gerard, MD

Classified the clinical presentation of post-anoxic myoclonus. Also investigating the outcomes of each group. This research led to a publication where I was first author.

10/2015-6/2016

Quality Improvement Project

Northwestern University, Department of Neurology

Preceptor: Elizabeth Gerard, MD

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Created and helped implement a standardized stimulation protocol to test EEG reactivity in comatose patients undergoing continuous EEG monitoring, given the current data showing that the presence or absence of EEG reactivity could be associated with outcomes.

11/2016-6/2018

Quality Improvement Project

Northwestern University, Department of Neurology

Preceptor: Jessica Templar, MD

Created and implemented a sign-out process to be used by physicians and housestaff for Intraoperative Neurophysiology Monitoring cases.

10/2017-Present

Research in medical education

Northwestern University, Department of Neurology and Department of Medical Education

Studying outcomes of implementing a simulation-based mastery learning curriculum for the neurology residents in the management of seizures and status epilepticus.

1/2018-Present

Co-Investigator: Indications and yield of ambulatory EEGs

Northwestern University and University of Illinois, Chicago, Department of Neurology

Studying the indications and yields of ambulatory EEGs. Also studying the difference in yield between ambulatory EEGs and admission to the epilepsy monitoring unit.

1/2019-7/2020

Co-Investigator: Targeting epileptogenic effects of subarachnoid blood in traumatic brain injury

University of Illinois, Chicago

The major goals of this project is to understand risk factors for developing epilepsy after traumatic brain injury.

INVITED PRESENTATIONS:

June 2016

Northwestern University, The Ken and Ruth Davee Department of Neurology Grand Rounds Presentation: Clinical Classification of Post Anoxic Myoclonic Status

April 2017

Northwestern University Epilepsy Lecture Series: Post Anoxic Myoclonic Status

October 2017

University of Illinois at Chicago Grand Rounds: Post Anoxic Myoclonic Status

September 2018

Northwestern University, Annual Clinical Neurophysiology Course: Myoclonic Status

May 2019

Northwestern University, Northwestern's Fourth Annual Advances in Epilepsy and EEG CME Symposium: New Drugs in Status Epilepticus

- February 2020 American Clinical Neurophysiology Annual Conference, New Orleans, Louisiana: Anoxic Bain Injury and Myoclonic Status
- April 2020 University of Illinois at Chicago Grand Rounds: Simulation Based Mastery Learning
- June 2020 Northwestern Medicine Epilepsy Lecture Series: Simulation Based Mastery Learning: Identification and Management of Status Epilepticus
- February 2021 American Clinical Neurophysiology Annual Conference, Virtual: Cardiac Arrest
- August 2021 ASET, Neurodiagnostic Society Annual Conference, San Diego, California: The Ictal Interictal Continuum
- October 2021 American Clinical Neurophysiology Fall Courses, Virtual: Cardiac Arrest
- December 2021 American Epilepsy Society Annual Conference, Chicago, IL: Yield of Interictal Epileptiform Activity in Ambulatory EEG versus Epilepsy Monitoring Unit: A Matched Comparison |

PUBLICATIONS:

ORIGINAL INVESTIGATIONS

- 2007 G. Call, J. Olson, J. Chen ... **Y. Mikhaeil (111/273)**...U. Banerjee. Genomewide clonal analysis of lethal mutations in the *Drosophila melanogaster* eye: comparison of the X chromosome and autosomes. *Genetics*. 2007 Oct;177(2):689-97. PMID: 17720911.
- 2017 **Y. Mikhaeil-Demo**, J. Gavvala, I. Bellinski, M. Macken, A. Narechania, J. Templer, S. VanHaerents, S. Schuele, E. Gerard. Clinical Classification of Post Anoxic Myoclonic Status. *Resuscitation*. 2017 October; 119: 76-80. PMID: 28800888.
- 2018 K. González Otárula, **Y. Mikhaeil-Demo**, E. Bachman, P. Balaguera, S. Schuele. Automated seizure detection accuracy for ambulatory EEG recordings. *Neurology*. 2019 April; 92: e1-e7. PMID: 30842291
- 2020 **Y. Mikhaeil-Demo**, J. Barsuk, G. Culler, et al. Use of a Simulation-Based Mastery Learning Curriculum for Neurology Residents to Improve the Identification and Management of Status Epilepticus. *Epilepsy and Behavior*. 2020 October; 111:107247. PMID: 32603805
- 2021 **Y. Mikhaeil-Demo**, K. Gonzalez Otarula, E. Bachman, et al. Indications and Yield of Ambulatory EEG Recordings. *Epileptic Disorders*. 2021 February; 1;23(1):94-103. PMID: 33622660

- 2021 **Y. Mikhaeil-Demo**, E. Holmboe, E. Gerard, et al. Simulation-based Assessments and Graduating Neurology Residents' Status Epilepticus Milestones. *Journal of Graduate Medical Education*. 2021 April;13(2):223-230. PMID: 33897956

BOOKS AND BOOK CHAPTERS

- 2008 C. Eddleman, Z. Hage, D. Surdell, E. Levy, R. Samuelson, **Y. Mikhaeil**, B. Bendok. (2008) Interventional Treatment of Acute Ischemic Stroke: Past, Present and Future. A Chapter in Textbook of Peripheral Vascular Interventions, 2nd edition. Ed. R. Heuser and M. Henry.
- 2021 Y. Mikhaeil-Demo, T. Bleck. Seizures in the Intensive Care Unit. A chapter in Principles of Critical Care, 5th edition. Ed. J. Hall, G. Schmidt, J. Kress (submitted).

REVIEWS

- 2019 Y. Mikhaeil-Demo and E. Gerard. Peer Review Report For: The yield of continuous EEG monitoring in the intensive care unit at a tertiary care hospital in Saudi Arabia: A retrospective study [version 1; peer review: 1 approved, 1 approved with reservations, 1 not approved]. *F1000Research* 2019, 8:663 (<https://doi.org/10.5256/f1000research.21080.r54081>)

ABSTRACTS

- March 2006 **Y. Mikhaeil**, W. Khristy, C. Ootshi, H. Zhong , R. Roy, N. Tillakaratne, V. R. Edgerton, "Cellular correlates of behavioral improvements observed following step-training and quipazine administration in adult spinal mice," Poster Presentation. The California Spinal Cord Injury / Neural Regeneration Consortium, Roman Reed, Irvine, California
- October 2006 **Y. Mikhaeil**, C. Ootshi, A. Fong, L. Cai, W. Khristy, V. Chitsazzadeh, C. Nguyen, H. Zhong, R. Roy, N. Tillakaratne, V.R. Edgerton, "Changes in pCREB and AMPA receptor distribution after spinal cord transection: effects of chronic serotonergic agonist administration and robotic training," Poster Presentation. Society for Neuroscience Annual Conference, Atlanta, Georgia
- October 2008 **Y. Mikhaeil**, C. Peng, T. McGuire, J. Kessler, "Depolarizing levels of KCl induces neural progenitor cell proliferation through PKA activated MAP kinase signaling pathway," Poster Presentation. Northwestern University Medical Students Summer Research Poster Symposium, Chicago, Illinois
- February 2016 **Y. Mikhaeil-Demo**, E. Gerard, I. Bellinski, S. Schuele, J. Gavvala, "Postanoxic Myoclonus and Generalized Tonic-Clonic Seizures," Poster Presentation. American Clinical Neurophysiology Society Annual Conference, Orlando, Florida

- April 2016 **Y. Mikhaeil-Demo**, S. Schuele, A. Srivastava, B. Bonakdarpour, “Wernicke’s Encephalopathy or Creutzfeldt Jakob Disease? Report of 2 Cases with Non-classic Presentation of Thiamine Deficiency and Challenging Brain MRI Findings,” Poster Presentation. American Academy of Neurology Annual Conference, Vancouver, BC, Canada
- April 2016 **Y. Mikhaeil-Demo**, S. Schuele, A. Srivastava, B. Bonakdarpour, “Wernicke’s Encephalopathy or Creutzfeldt Jakob Disease? Report of 2 Cases with Non-classic Presentation of Thiamine Deficiency and Challenging Brain MRI Findings,” Poster Presentation. Northwestern Research Day 2016, Chicago, Illinois
- February 2017 **Y. Mikhaeil-Demo**, J. Gavvala, I. Bellinski, M. Macken, A. Narechania, J. Templer, S. VanHaerents, S Schuele, E.Gerard, “Clinical Classification of Post Anoxic Myoclonic Status,” Poster Presentation. American Clinical Neurophysiology Society Annual Conference, Phoenix, Arizona
- April 2017 **Y. Mikhaeil-Demo**, J. Gavvala, I. Bellinski, M. Macken, A. Narechania, J. Templer, S. VanHaerents, S Schuele, E.Gerard, “Clinical Classification of Post Anoxic Myoclonic Status,” Poster Presentation. Northwestern Research Day 2017, Chicago, Illinois
- May 2018 K. Gonzalez Otarula, **Y. Mikhaeil-Demo**, E. Bachman, P. Balaguera, S. Schuele, “Sensitivity of seizure automatic detectors in prolonged ambulatory EEGs”, Poster Presentation. International Congress of Clinical Neurophysiology Conference, Washington, DC.
- December 2018 **Y. Mikhaeil-Demo**, J. Barsuk, J. Templer, S. VanHaerents, I. Bellinski, D. Bega, D. Salzman, E. Gerard, “The Development of a Simulation-Based Mastery Learning Curriculum to Improve the Identification and Management of Status Epilepticus,” Poster Presentation. American Epilepsy Society Annual Conference, New Orleans, Louisiana.
- December 2019 N. Digiannantonio, D. Pandey, M. Habibi, **Y. Mikhaeil-Demo**, J. Loeb, A. Serafini, “Adherence to Anti-Seizure Drugs in an Underserved Population with Epilepsy,” Poster Presentation. American Epilepsy Society Annual Conference, Baltimore, Maryland.
- February 2020 **Y. Mikhaeil-Demo**, K. Gonzalez Otarula, E. Bachman, S. Schuele, “The Diagnostic Yield of Prolonged Ambulatory Electroencephalogram after a Negative Routine EEG,” Poster Presentation. American Clinical Neurophysiology Society Annual Conference, New Orleans, Louisiana.
- April 2020 **Y. Mikhaeil-Demo**, G. Culler, J. Templer, D. Bega, D. Salzman, A. Bhatt, N. Shafi, E. Cohen, E. Gerard, J. Barsuk, “Simulation-based Mastery Learning Improves Residents’ Identification and Management of Status Epilepticus,” Oral Presentation. American Academy of Neurology Annual

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Meeting, 2020 AAN Science Highlights Virtual Platform. Abstract published: Neurology Apr 2020,94 (15 Supplement) <819>.

- April 2020 **Y. Mikhaeil-Demo**, K. Gonzalez Otarula, E. Bachman, S. Schuele, “Indication and Yield of Ambulatory EEG Recordings,” Neurology Apr 2020,94 (15 Supplement) <816>.
- December 2020 **Y. Mikhaeil-Demo**, K. Gonzalez Otarula, E. Bachman, S. Schuele, “Ambulatory EEG versus Epilepsy Monitoring Unit: A Direct Comparison,” Poster Presentation. American Epilepsy Society Annual Conference, virtual presentation.
- December 2020 J. Geraghty, B. Maharathi, M. Butler, T. Lung, G. Balasubramanian, **Y. Mikhaeil-Demo**, F. Testai, J. Loeb, “An animal model of post-subarachnoid hemorrhage epileptogenesis shows parallels to human EEG and implicates neuroinflammation as a pathogenic mechanism,” Poster Presentation. American Epilepsy Society Annual Conference, virtual presentation.
- April 2021 **Y. Mikhaeil-Demo**, K. Gonzalez Otarula, E. Bachman, S. Schuele, “Events Recording in Patients who Underwent Ambulatory EEG and Inpatient EEG Monitoring,” Poster Presentation. American Academy of Neurology Virtual Annual Meeting.
- December 2021 Yara Mikhaeil-Demo, Elizabeth Bachman, Karina Gonzalez Otarula, Anne Berg, Stephan Schuele, “Yield of interictal epileptiform activity in Ambulatory EEG versus Epilepsy Monitoring Unit: A matched comparison,” Poster Presentation and Platform Presentation. American Epilepsy Society Annual Meeting, Chicago, Illinois.