

Derryl Joseph Miller

Indiana University School of Medicine and IU Health Physicians
miller89@iu.edu
3179487450

705 Riley Hospital Dr., Riley Research 211
Indianapolis, Indiana
dmiller21@iuhealth.org
3174296721

Education

BS, University of Notre Dame, 2011. Major: Dual Biochemistry and Mathematics.

MD, Indiana University, 2015. Major: Medicine.

Further Education

Appointments

"Clinical Assistant Professor", Indiana University Purdue University Indianapolis, NEUROLOGY. (July 28, 2021 - June 30, 2024).

"Clinical Assistant Professor - Probationary", Indiana University Purdue University Indianapolis, NEUROLOGY. (July 28, 2021 - June 30, 2024).

PGY-6, Clinical Neurophysiology Fellowship. (July 28, 2020 - July 28, 2021).

PGY1 to PGY5, Pediatrics and Child Neurology Residency. (June 15, 2015 - July 28, 2020).

Licensure, Certification, Specialty Board Status

Physician Controlled Substances License 01084560B, Indiana Professional License. (October 15, 2021 - October 15, 2025).

Physician's License for Indiana 01084560A, Indiana Professional Licensing Agency. (October 15, 2021 - October 15, 2025).

Certification, "American Board of Psychiatry and Neurology Certification Examination in Clinical Neurophysiology for," American Board of Psychiatry and Neurology, Deerfield, IL, United States. (November 3, 2021 - January 28, 2025).

Certification, "American Board of Psychiatry and Neurology Certification Examination in Child Neurology," American Board of Psychiatry and Neurology, Deerfield, IL, United States. (September 21, 2020 - December 16, 2025).

Professional Organization Memberships

* American Academy of Neurology. (July 15, 2021 - Present).

* American Epilepsy Society. (July 15, 2020 - Present).

*American Neurological Association (March 14, 2024 – Present).

* Child Neurology Society. (October 1, 2017 - Present).

* American Academy of Pediatrics. (June 15, 2015 - Present).

* American Medical Association. (June 15, 2015 - Present).

Professional Honors and Awards

Other, Arnold P. Gold Humanism Honors Society - Janice M. Pascuzzi Scholarship - Given to those who have the overall ability to make people feel better with the care provided on a daily basis. (October 17, 2014).

Third Place Abstract at 5th Annual Patient Safety Day on 6-11-2020 noted here:

<https://medicine.iu.edu/blogs/house-staff-life/neurological-surgery-residents-well-represented-at-patient-safety-day>

* Nominated for, Riley Hospital For Children - Riley One Team Values Award for Compassion - "I want to recognize Dr. Miller for the compassion he shows patients, families, as well as staff on 9W. Dr. Miller always goes above and beyond in working as a team and makes everyone feel as their role is important. I specifically appreciate that Dr Miller utilized child life appropriately and understands what our role is. I am lucky to work along side Dr Miller and Riley is very lucky to have him!". (December 14, 2022).

* 2023 Castle Connolly Rising Stars – Castle Connolly Rising Stars are early career doctors recognized for their outstanding accomplishments and dedication to the field of medicine. Nominated by their peers, these doctors are emerging leaders in the medical community, with clear contributions to the advancement of healthcare through clinical care, research, community service, education and leadership. <https://www.castleconnolly.com/top-doctors/derryl-j-miller-child-neurology-cc65897#section03>

* 2024 Castle Connolly Rising Stars – Castle Connolly Rising Stars are early career doctors recognized for their outstanding accomplishments and dedication to the field of medicine. Nominated by their peers, these doctors are emerging leaders in the medical community, with clear contributions to the advancement of healthcare through clinical care, research, community service, education and leadership. <https://www.castleconnolly.com/top-doctors/derryl-j-miller-child-neurology-cc65897#section03>

* Academy of Teaching Scholars Tier 1 Award - This letter is to certify your completion of Tier One of the Indiana University School of Medicine Academy of Teaching Scholars program. In recent months, you have completed at least seven courses in at least five different areas of teaching excellence. Further, you have also participated in the peer review process. Being a graduate of Tier One of the Academy serves as an outward representation of your significant dedication to developing the skills and understanding needed to excel in teaching. (Faculty Affairs, Professional Development, and Diversity). 2-5-2023

*Outstanding Rating on Student Evaluations 2022, 2023, and 2024 in Foundations of Clinical Practice 2 (5-23-2024)

*Bhuwan P. Garg Teaching Award in recognition for your passion and commitment in teaching within child neurology (06-01-2024)

Professional Development

Conference Attendance, "American Academy of Neurology Annual Meeting," American Academy of Neurology, Philadelphia, PA, United States. (May 4, 2019 - May 10, 2019).

Conference Attendance, "Child Neurology Society Annual Meeting," Child Neurology Society, Charlotte, NC, United States. (October 23, 2019 - October 26, 2019).

Conference Attendance, "2020 Annual Meeting of the American Academy of Neurology." Toronto, Canada. (April 25 2020 – May 1 2020).

Conference Attendance, "Riley 5th Annual Patient Safety Day," Riley Hospital for Children, Indianapolis, IN, United States. (June 11, 2021).

* Conference Attendance, "American Epilepsy Society Annual Meeting," American Epilepsy Society, Chicago, IL, United States. (December 2, 2021 - December 6, 2021).

* Conference attendance "2024 Annual American Academy of Neurology Meeting." Denver, CO, United States. (April 14, 2024 - April 18, 2024).

* Conference attendance, "2022 American Epilepsy Society Annual Meeting," American Epilepsy Society - Music City Center 201 Rep. John Lewis Way South, Nashville, TN, United States. (December 2, 2022 - December 6, 2022).

* Workshop/tutorial attendance, "Leadership in Academic Medicine (LAMP)," Indiana University School of Medicine, Indianapolis, IN, United States. (August 24, 2022 – March-1-2023).

* Conference attendance, "2023 American Society for Experimental Neurotherapeutics Annual Meeting," American Society for Experimental Neurotherapeutics, Haddonfield, NJ, United States. (March 13, 2023 - March 15, 2023).

* + Coursework/Continuing Education, "Neurology Diversity, Equity, and Inclusion Workshop," Neurology Department at Indiana University, Indianapolis. (August 4, 2023).

* Certification, "Academy of Teaching Scholars," Indiana University School of Medicine Faculty Affairs, Professional Development, and Diversity, Indianapolis, IN, United States. (October 1, 2022 – February 25, 2023).

* Conference Attendance, "149th American Neurological Association Meeting," American Neurological Association, Orlando, FL, United States. (September 14, 2024 – September 19, 2024).

* Coursework/Continuing Education, Independent Investigator Incubator (I3) Program, Grantsmanship Course. (4-1-2024 to Present)

Librarian Performance

Mentoring

Caroline Heckman, Undergraduate IUPUI, Mentored her to publish a case series of pediatric spinal cord stroke and assisted with her application to medical school.

Eashan Kumar, Medical Student, Participated as formal instructor for Foundations of Clinical Practice year 2 (FCP2) and was selected by the student to write a letter of recommendation for the United States Senate Youth Program Scholarship to a Masters of Public Health at John's Hopkins which he received and completed.

Hannah Komanapalli, Medical Student, Published a review of the treatment of comorbidity of attention deficit hyperactivity disorder in children with epilepsy and mentored her to complete a cross sectional analysis of evoked potentials performed at Goodman Campbell which change management which was an accepted abstract to the American Academy of Neurology Meeting in 2024 in Denver, CO. I also wrote a letter for her application for residency in Pediatrics and Child Neurology.

Kabir Sheikh, DO, Neurology Resident, Mentored his transition from Pediatrics to combined Pediatrics and Child Neurology residency and mentored him through presentation of an epilepsy surgery case at the 2023 Big10 Conference and the publication of this case of novel epilepsy surgery using MRI guided Laser Interstitial Thermal Therapy to lateralize a seizure focus as a case report.

Mariah Ozkir, MD, Clinical Neurophysiology Fellow, Provided mentorship on her senior ROSS project to study folate prescribing practices by pediatric neurologists for women with epilepsy which was presented at the American Epilepsy Society Meeting in 2023.

Teaching Administration and Curriculum Development

* Medicine MED-C 710, Foundations of Clinical Practice Longitudinal Preceptor. 2021-2022, Mentored 4 MS2 students in clinic for continuity of providing patient care.

* Medicine MED-C 710, Foundations in Clinical Practice Year 2 Small Group. 2021-2022, Instructed a small group of 14 students through formal lectures and teaching relating to acquiring complete and focused history and physical examinations in preparation for the Observed Structural Clinical Evaluations and patient care as MS3s.

* Medicine MED-C 710, Foundations of Clinical Practice Longitudinal Preceptor. 2022-2023, Mentored 4 MS2 students in clinic for continuity of providing patient care.

* Medicine MED-C 710, Foundations of Clinical Practice Year 2 Small Group. 2022-2023, Instructed a small group of 18 students through formal lectures and teaching relating to acquiring complete and focused history and physical examinations in preparation for the Observed Structural Clinical Evaluations and patient care as MS3s.

* Medicine MED-C 710, Foundations of Clinical Practice Longitudinal Preceptor. 2023-2024, Mentored 4 MS2 students in clinic for continuity of providing patient care.

* Medicine MED-C 710, Foundations of Clinical Practice Year 2 Small Group. 2023-2024, Instructed a small group of 15 students through formal lectures and teaching relating to acquiring complete and focused history and physical examinations in preparation for the Observed Structural Clinical Evaluations and patient care as MS3s.

* New Presentation for Students, Residents, and Staff at Riley. Treatment of Status Epilepticus, Refractory Status Epilepticus, and Super Refractory Status Epilepticus. January 11, 2023.

This was a comprehensive lecture given to the Riley Child Neurology Staff, Residents, and Students on service regarding the evidence for treatment of status epilepticus, refractory status epilepticus, and super refractory status epilepticus. This lecture revisited the definitions of these, initiation of treatment, workup throughout the course of treatment as well as evidence for anesthetic drips, immunomodulating therapies, the ketogenic diet, epilepsy surgery, vitamin therapies for inborn errors of metabolism, and electroconvulsive therapy.

* New Course Development. The Electroencephalogram (EEG) Self Study for Residents and Fellows. August 1, 2021 - January 17, 2022.

* Developed an 8 module study course for residents and fellows rotating through the Clinical Neurophysiology (EEG) rotation as well as through the Epilepsy Monitoring Unit (EMU) with the following modules with deidentified patient examples:

1. Normal EEG
2. EEGs with interictal epileptiform discharges
3. EEGs with seizures
4. EEGs with psychogenic nonepileptic seizures
5. EEGs with slowing
6. EEGs with artifacts
7. EEGs with hypsarrhythmia
8. EEGs which are just plain ugly

* New Lecture Series for Residents and Fellows. Evoked Potential Lecture Series. August 1, 2021 - December 31, 2021.

Developed a 4 lecture series which was uploaded to the Canvas website for residents/fellows for self study of evoked potentials including the following lectures:

1. Basics and the Somatosensory Evoked Potential (SSEP)
2. Visual Evoked Potential (VEP)
3. Brainstem Auditory Evoked Potential (BAEP)
4. Motor Evoked Potential (MEP)

Grants/Fellowships in Teaching

* **Miller DJ** (Co-PD/PI), Padilla MG (Co-PD/PI), Keefer K (Co-PD/PI), Kane G (Co-PD/PI), Kippenbrock J (Co-PD/PI), Jones J. (Co-PD/PI), "Annual Recurring Grant for Management of the St. Raphael Catholic Medical Association Guild and for scholarships for Natural Family Planning Continuing Medical Education," Sponsored by Ascension St. Vincent Hospital, Not-for-Profit, \$10,000.00. (June 1, 2023 - Present).

Presentations - Teaching

Grants/Fellowships in Research/Creative Activity

* Artist, St. John the Evangelist Chorus and Flautist. (July 1, 2020 - Present).

Presentations - Research

University Service

* Sub-Investigator for XENON X-ACT Phase 3 Clinical Trial - Study ID Number XPF-010-303 - <https://classic.clinicaltrials.gov/ct2/show/NCT05667142>

* Pediatric Epilepsy Research Consortium Representative - Riley Children's Health - <https://pediatricerc.com/resource-locator/>

* Sub-Investigator for Neurava Clinical Trial - <https://neurava.com/>

Professional Service

* Board Member, Catholic Medical Association St. Raphael Guild. (October 1, 2021 - Present).

* Committee Member, Clinical Neurophysiology Fellowship Annual Program Evaluation Committee to Create and Review Graduate Surveys. (May 20, 2022 - Present).

* Guest Speaker, Testified in Court for Nonaccidental Trauma Case. (September 22, 2022).

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Pediatric Neurology (March 6, 2020 - March 16, 2020).

* Reviewer, Journal Article, Journal Article Review for Annals of Clinical Gastroenterology (August 10, 2021 - December 8, 2021).

* Reviewer, Journal Article, Journal Article Review for Journal of Sleep Medicine and Disorders (March 1, 2023 - March 11, 2023).

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (May 30, 2023 - June 6, 2023). JOCN-D-23-00697

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (June 9, 2023 – June 11, 2023). JOCN-D-23-00697R1

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (June 27, 2023 – June 27, 2023). JOCN-D-23-00697R2

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (August 24, 2023 - August 30, 2023). JOCN-D-23-01266

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (September 2, 2023 - September 15, 2023). JOCN-D-23-01390

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (October 14, 2023 – October 27, 2023). JOCN-D-23-01266R1

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (November 8, 2023 – November 21, 2023). JOCN-D-23-01876

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (November 21, 2023 – November 26, 2023). JOCN-D-23-01266R2

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (December 25, 2023 – December 31, 2023). JOCN-D-23-01876R1

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (December 19, 2023 – December 30, 2023). JOCN-D-23-02135

* Reviewer, Journal Article, Journal Article Reviewer for Journal of Clinical Neuroscience (January 8, 2024 – January 19, 2024). JOCN-D-23-02114

Patient Care/Clinical Service

* Committee Member, Epilepsy Presurgical Committee at Riley Hospital. (August 1, 2021 - Present).

Grants/Fellowships in Service

* **Miller, DJ**. (Co-PD/PI), "Epilepsy Foundation Social Determinants of Health Mini-Grant," Sponsored by Epilepsy Foundation, Not-for-Profit, Submitted April 11, 2023. Unfunded.

* **Miller DJ**, Tailor J, Coven S. "CURE Epilepsy Catalyst Award," Sponsored by CURE Epilepsy, Foundation. Submitted June 25, 2023. Unfunded.

Presentations - Service

Miller DJ, Bodkin C. American Academy of Neurology 72nd Annual Meeting, "Utility & Limitations of Inpatient EMG/NCS: Quality Over Quantity Saves Quite a Quota," Toronto, Ontario, Canada. (April 30, 2020). DOI: 10.13140/RG.2.2.14275.78886

Lectures for Indiana Society of Electroneurodiagnostic Technologists and Technicians (ISETT). EEG Variants the Good, the Bad, and the Ugly Part 1. July 23, 2020.

Lecture called EEG Variants, the Good, the Bad, and the Ugly Part 1 which reviews benign variants, interictal epileptiform discharge morphology, and seizure. DOI: 10.13140/RG.2.2.32419.43046

Lectures for Indiana Society of Electroneurodiagnostic Technologists and Technicians (ISETT). EEG Variants, the Good, the Bad, and the Ugly Part 2. September 26, 2020.

Lecture called EEG Variants, the Good, the Bad, and the Ugly Part 2 which reviews interictal epileptiform discharge morphology and common appearances of seizures. DOI: 10.13140/RG.2.2.31580.56963

Sokol DK, **Miller DJ**, Westmark CJ, Lahiri DK. National Academy of Neuropsychology, Inc., "Behavior and blood marker differences for children with Fragile X Syndrome and Idiopathic Autism," Virtual. (October 15, 2020). DOI: 10.13140/RG.2.2.20986.67521

Miller DJ, Schultheis A, Desai V, Blake R, Conrad S, Smith L, Raskin J. 5th Annual Patient Safety Day, "Coordinating Care for Intracranial Electrode Safety," Indianapolis, IN, United States. United States. (June 11, 2021). DOI: 10.13140/RG.2.2.13476.24964 -> 3rd place abstract award noted here:
<https://medicine.iu.edu/blogs/house-staff-life/neurological-surgery-residents-well-represented-at-patient-safety-day>

* Neurology Lecture Series - Grand Rounds and Friday Lecture Series. Evoked Potentials: Or...what happens if we stimulate 500-1000 times!?!? - Somatosensory Evoked Potentials Lecture on 8-8-21. This is an educational talk on the Basics of Evoked Potentials for the Neurology Residency Program at the Indiana University of School of Medicine. This talk was developed following training in Clinical Neurophysiology under Omkar Markand, MD. This is part 1 of a 3 part lecture series. DOI: 10.13140/RG.2.2.12077.05608

* Neurology Lecture Series - Grand Rounds and Friday Lecture Series. Evoked Potentials Lecture Part 2: Or... what happens if we stimulate 500-1000 times!?!? - Visual Evoked Potentials Lecture on 11-21-21. This is an educational talk on the Basics of Evoked Potentials for the Neurology Residency Program at the Indiana University of School of Medicine. This talk was developed following training in Clinical Neurophysiology under Omkar Markand, MD. This is part 2 of a 3 part lecture series. DOI: 10.13140/RG.2.2.18787.94246

* **Miller DJ**, Schultheis A, Desai V, Blake R, Conrad S, Smith L, Raskin J. American Epilepsy Society 75th Annual Meeting, "Coordinating Post-operative Care with the Intracranial Electrode Safety Board in the Epilepsy Monitoring Unit," Hyatt Conference Center McCormick Place West, Chicago, IL, United States. (December 5, 2021). DOI: 10.13140/RG.2.2.33569.58728

* Child Neurology Grand Rounds Lecture to Students, Residents, Staff at Riley. Epilepsy Surgery Updates from the American Epilepsy Society Meeting on 12-8-2021.

This Child Neurology Grand Rounds was aimed at presenting new data from the American Epilepsy Society meeting in 12-2021 to the students, residents, and staff. This lecture focused on the definition of intractable epilepsy, the phase 1 presurgical evaluation, the identification of an operable epilepsy, resection, ablation, and disconnection surgeries, and briefly the neuromodulation options available to patients with intractable epilepsy. DOI: 10.13140/RG.2.2.26337.68966

* Lecture to Residents on Inpatient Service. EEG Variants: The Good, The Bad, and The Ugly Part 2. March 22, 2022.

I gave part 2 of the series to the residents while on the Neurology Consult Service entitled "EEG Variants: The Good, The Bad, and The Ugly Part 2" which was a talk about the semiology of seizures with various interictal epileptiform patterns and identification of common ictal patterns and discussion about epileptic seizures in general on 3-22-22

* Lecture to Residents on Inpatient Service. EEG Variants: The Good, The Bad, and The Ugly Part 1. January 4, 2022.

I gave a lecture to the residents while on the Neurology Consult Service entitled "EEG Variants: The Good, The Bad, and The Ugly Part 1" which was a talk about normal EEG background, benign variants, and briefly the criteria detailed by Pierre Gloor, MD for interictal epileptiform discharges on 1-4-22.

* Lectures for Indiana Society of Electroneurodiagnostic Technologists and Technicians (ISETT). Epilepsy Syndromes: How to approach an abnormal EEG? April 30, 2022.

I provided a 1 hour talk about identification of epilepsy syndromes as well as the International League Against Epilepsy (ILAE) framework for describing seizure semiology, epilepsy syndrome, and further determining etiology of epilepsy. The goal of this talk was to help our Diagnostic Technologists to better interpret EEG studies after taking a patient history during hookup. DOI: 10.13140/RG.2.2.23821.10720

* Child Neurology Grand Rounds Lecture to Students, Residents, Staff at Riley. Neurology of Micturition. August 10, 2022 - Present.

This was a grand rounds neurology lecture over the anatomy and pathologies affecting micturition in patients. This was aimed at helping to localize and utilize lesions along the pathways to aid in diagnosis and management of neurologic disease. DOI: 10.13140/RG.2.2.11592.08965

* Neurology Lecture Series - Grand Rounds and Friday Lecture Series. Evoked Potentials Lecture 3: Or...what happens if we stimulate 500-1000 times!?!? - Brainstem Auditory Evoked Potentials Lecture on 8-16-22. This is an educational talk on the Basics of Evoked Potentials for the Neurology Residency Program at the Indiana University of School of Medicine. This talk was developed following training in Clinical Neurophysiology under Omkar Markand, MD. This is part 3 of a 3 part lecture series. DOI: 10.13140/RG.2.2.11238.19524

* Lecture to Medical Students and Residents on Inpatient Service. ILAE Classification of Epilepsy Syndromes. December 27, 2022.

This lecture to the medical students and residents on the inpatient service at Riley was aimed at defining epilepsy, common epilepsy syndromes, and the recent push of the ILAE to first describe seizures, define epilepsy syndromes, and then move beyond the epilepsy syndrome to an etiology of the epilepsy for better treatment of patients. This lecture was especially important to teach the residents that if cohorts of patients could be studied with both epilepsy syndrome and etiology similarity such as Tuberous Sclerosis and West Syndrome that we could more accurately predict which medications would be helpful with the teaching point being that vigabatrin is superior to hormonal agents for West Syndrome due to Tuberous Sclerosis. This will hopefully result in curiosity and further study of epilepsy syndromes with common etiologies.

* Neurology Lecture Series - Grand Rounds and Friday Lecture Series. Update On Epilepsy Syndromes Since 2022: Or what to make of an abnormal EEG? - Grand Rounds on 8-9-23.

This is an educational talk on the updated position of the International League Against Epilepsy (ILAE) on Epilepsy Syndromes for the Neurology Residency Program at the Indiana University of School of Medicine. New literature was released in 5-2022 by the ILAE regarding the classification of epilepsy syndromes in Epilepsia, and this talk highlights this literature. This talk was refined from my previous presentation to the Indiana Society of Electroneurodiagnostic Technicians and Technologists (ISETT) on 4-30-22 which was given prior to the release of this new literature in Epilepsia. DOI: 10.13140/RG.2.2.33192.75529

* † Sheikh K, **Miller DJ**, Blake R, Smith L, Conrad S, Radhakrishnan R, Schultheis A, Raskin J. 2nd Annual Big Ten Neuroscience Meeting 6-15-23 to 6-16-23, "P1. Using Magnetic Resonance-Guided Laser Interstitial Thermal Therapy (MRgLITT) CorpusCallosotomy (CC) for Staged Surgical Approach to Lateralize a Seizure Focus [Conference Poster Abstract].," Indiana University Office of Conference and Registration Services, Goodman Campbell Neuroscience Center, Indianapolis, IN, United States. (June 15, 2023). DOI: 10.13140/RG.2.2.13436.92800

* Neurology Lecture Series - Grand Rounds and Friday Lecture Series. Treatment Of Status Epilepticus, Refractory Status Epilepticus, and Super Refractory Status Epilepticus: Or what to do if the status just won't stop. 8-11-23. This is an educational talk on the treatment of status epilepticus for the Neurology Residency Program at the Indiana University of School of Medicine. This talk was developed following training in Clinical Neurophysiology. DOI: 10.13140/RG.2.2.17949.08161

* † & Ozkir, MR, **Miller DJ**. AES 2023, "Folate Prescribing Habits and Reproductive Counseling for Young Women with Epilepsy. Abstract ID: 1553558," American Epilepsy Society, Orange County Convention Center, West Concourse, Orlando, FL, United States. (December 3, 2023). DOI: 10.13140/RG.2.2.10081.48482

* Riley Epilepsy Symposium – 10-5-23 – The Riley Epilepsy Symposium offered a forum for pediatric primary care providers to learn and network with the specialists from the Comprehensive Epilepsy Program at Riley Children's Health. The symposium will be October 5, 2023 in person at the Riley Outpatient Center Auditorium in Indianapolis, and it will be from 6 – 8 pm. It will also be available for attendees to listen live virtually. Participants received up to 2.0 CME/CEU credits for attending.

Talks included:

Seizure First Aid and What to Do Afterwards - Derryl Miller, MD → Found here: <https://iuhealthcpe.org/view/riley-epilepsy-symposium-dr-miller-10-05-2023>

Seizure Management with the Ketogenic Diet - Taylor Parrish, RDN, CLC

Comprehensive Care for Those with Seizures - Anna Schultheis, MSN, RN, FNP-C

Refractory Epilepsy: Timely Referral for Non-Surgical and Surgical Interventions - Makram Obeid, MD

Refractory Care for the Refractory Patient - Saul Wilson, MD

* Indiana University Health Quarterly Neurodiagnostic Technologist Education Series. EEG Variants, the Good, the Bad, and the Ugly - 2-7-24. This is a presentation of normal variants of the Electroencephalogram (EEG) as well as criteria for interictal epileptiform discharges, seizures, and interictal ictal continuum variants given to the Neurodiagnostic Technologists at Indiana University Health. This was an invited talk by Haley Hill B.S., R.EEG/EP T., CNIM, CLTM who is the site manager of Neurophysiology. DOI: 10.13140/RG.2.2.10450.53440

* † & Komanapalli H and **Miller DJ**. American Academy of Neurology 76th Annual Meeting - 2024, "A Cross-Sectional Analysis of Change in Management with Evoked Potentials: Considering Study Characteristics Can Suggest Consistent Changes," American Academy of Neurology, Denver, CO, United States. (April 14, 2024). DOI: 10.13140/RG.2.2.18544.26880

* † Elrod A, Nickerson M, **Miller DJ**. American Neurological Association 149th Annual Meeting. A Case of Childhood Confabulation and Working Memory Woes with Acute Hemorrhagic Encephalomyelitis. Orlando, FL, 9-14-24 to 9-19-24. Accepted.

Publications - Teaching

* **Miller DJ**, Blake R, Smith L, Conrad S, Obeid M, Ozkir M, Finke K, Schultheis A. Seizures and Seizure Medicines: Caregiver Guide 5 ed. 12-10-23. Riley Hospital for Children and IU Health. DOI: 10.13140/RG.2.2.11347.55848

Publications - Research/Creative Activity

* † **Miller DJ**, Komanapalli H, and Dunn DW. Lay Summary for Comorbidity of Attention Deficit Hyperactivity Disorder in a Patient with Epilepsy: Staring Down the Challenge of Inattention Versus Nonconvulsive Seizures. *Epilepsy & Behavior Reports*. 2024; 25: 100651. <https://www.sciencedirect.com/journal/epilepsy-and-behavior-reports/about/lay-summaries#comorbidity-of-attention-deficit-hyperactivity-disorder-in-a-patient-with-epilepsy-staring-down-the-challenge-of-inattention-versus-nonconvulsive-seizures>

* Neurologists.io. How Can Patients Stay Motivated During Long-Term Neurological Treatment Plans? Published: 5-1-24. Accessed: 5-2-24. <https://neurologists.io/qa/how-can-patients-stay-motivated-during-long-term-neurological-treatment-plans/>

Publications - Service

Jerde CL, **Miller DJ**, Mahon AR, Chadderton L, Lodge DM. Response to Casey et al.'s sensitivity of detecting environmental DNA comment. *Conservation Letters*, 2012; 5(2012), 241–242. <https://doi.org/10.1111/j.1755-263X.2012.00231.x>

Turner C, **Miller DJ**, Coyne KJ, and Corush J. Improved Methods for Capture, Extraction, and Quantitative Assay of Environmental DNA from Asian Bigheaded Carp (*Hypophthalmichthys* spp.). *PLoS ONE*, 2014; 9(12), 1–20. DOI: 10.1371/journal.pone.0114329

Miller DJ and Kremer KM. Frequent Awakenings and Fits with Aerobics. *Pediatric Neurology*, 2020; 106, 72–73. <https://doi.org/10.1016/j.pediatrneurol.2020.01.014>

Miller DJ. Breaking Burnout: A Personal Reflection on Mindfulness Exercises for Physicians. *Journal of Yoga and Physiotherapy*, 2020; 8(5), 0088–0090. DOI: 10.19080/JYP.2021.08.555746

Miller DJ and Bodkin C. The Utility of Inpatient Electromyography/Nerve Conduction Studies: Quality Over Quantity Saves Quite a Quota (134). *Neurology*, 2020; 94(15 Supplement), 134. https://n.neurology.org/content/94/15_Supplement/134#hw-e-letters-form

Sokol DK, **Miller DJ**, Westmark CJ, and Lahiri DK. Behavior and Blood Biomarker Differences for Children with Fragile X Syndrome and Idiopathic Autism. *Archives of Clinical Neuropsychology*, 2020; 35(6), 857–858. <https://doi.org/10.1093/arclin/acia068.067>

Miller DJ, Felker M, and Ciccarelli M. Transitioning Ambulatory Medicine from Pediatrics to Adult Care for Patients with Epilepsy and Intellectual Disability. *Journal of Pediatric Epilepsy*, 2020; 9(4):172–176. <https://doi.org/10.1055/s-0040-1717135>

* † & Heckman CA, **Miller DJ**, Kremer KM, Martinez ML, and Jea AH. An ischemic myelopathy case series: flaccid paraplegia following a spikeball save & numbness while walking normally. *Brain Circulation*, 2023; 9: 107–111. https://doi.org/10.4103/bc.bc_80_22

* O'Neil J and **Miller DJ**. Growth-attenuation Therapy for Children with Profound Cognitive and Physical Disabilities. *The National Catholic Bioethics Quarterly*, 2023; 23(1):71–

* **Miller DJ**, Walsh L, Smith L, Supakul N, Ho C, and Onishi T. Magnetic Resonance Imaging Enhancement of Spinal Nerve Roots in a Boy with X-Linked Adrenoleukodystrophy Before Diagnosis of Chronic Inflammatory demyelinating Polyneuropathy. *Radiology Case Reports*. 2024; 19(1):493-498. ISSN 1930-0433. <https://doi.org/10.1016/j.radcr.2023.10.065>

* † **Miller DJ**, Komanapalli H, and Dunn DW. Comorbidity of Attention Deficit Hyperactivity Disorder in a Patient with Epilepsy: Staring Down the Challenge of Inattention Versus Nonconvulsive Seizures. *Epilepsy & Behavior Reports*. 2024; 25: 100651. <https://doi.org/10.1016/j.ebr.2024.100651>

* † & Komanapalli H and **Miller DJ**. A Cross-Sectional Analysis of Change in Management with Evoked Potentials: Considering Study Characteristics Can Suggest Consistent Changes (P1-11.007). *Neurology*. 2024; 102(17_supplement_1). <https://doi.org/10.1212/WNL.0000000000204441>

* # **Miller DJ**. Diversifying Dialogue: A Physician's Primer to Procuring all Points of View. *J Yoga & Physio*. 2024; 11(3): 555812. <https://doi.org/10.19080/jyp.2024.11.555812>

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