

# CHICAGO'S 8TH ANNUAL ADVANCES IN EPILEPSY AND EEG - A HYBRID CME PROGRAM

**MAY 10-11, 2024**

**Offering ABPN Self-Assessment CME  
and ASET**

**Northwestern Medicine Prentice Women's Hospital**  
250 E. Huron Street  
Third Floor, Conference Room L South  
Chicago, Illinois  
(Cocktail Reception; Friday, May 10, 6:00 pm to 8:00 pm)

*Sponsored by Northwestern Medicine and  
the Northwestern Medicine Comprehensive Epilepsy Center*

# Chicago's 8th Annual Advances in Epilepsy and EEG - a Hybrid CME Program

COURSE DIRECTORS: Linda C. Laux, MD, Stephan U. Schuele, MD, MPH, and Stephen A. VanHaerents, MD

Join Northwestern and Chicago-area faculty as they welcome both locally and nationally renowned guest speakers to participate in two days of engaging and thoughtful discussion. The purpose of this activity is to update community and pediatric neurologists, as well as other healthcare providers working in epilepsy centers across the country, on challenging areas of epilepsy diagnosis and treatment. Hot topics include AI, genetics of focal epilepsy and multidisciplinary care models. All are invited to our Friday evening cocktail reception.

Northwestern Medicine is excited to offer ABPN Self-Assessment CME. Lectures will include self-assessment questions with live feedback. Sessions will be followed with live Q&A with our experts and the audience.

## PROGRAM OBJECTIVES

After attending this educational activity, participants should be able to:

1. Discuss the use of artificial intelligence in the interpretation of EEG.
2. Identify patients with focal epilepsy who benefit from genetic testing.
3. Describe pertinent components of multidisciplinary care models for the management of epilepsy and seizure disorders.
4. Compare EEG and MEG based models for source imaging.

For more information, please contact Sarah Baggs, Continuing Medical Education Program Manager, at Northwestern Memorial HealthCare, at [sbaggs@nm.org](mailto:sbaggs@nm.org).

## Program Course Directors

### Linda C. Laux, MD

*Associate Division Head, Neurology  
Section Head,  
Lurie Children's Epilepsy Center  
Ann & Robert H. Lurie  
Children's Hospital of Chicago  
Lorna S. and James P. Langdon Chair  
in Pediatric Neurology  
Associate Professor of Pediatrics  
(Neurology and Epilepsy)  
Northwestern University  
Feinberg School of Medicine*

### Stephan U. Schuele, MD, MPH

*Division Chief, Epilepsy and  
Clinical Neurophysiology  
Medical Director,  
Neurological Testing Center  
Professor of Neurology and  
Physical Medicine & Rehabilitation  
Northwestern University  
Feinberg School of Medicine*

### Stephen A. VanHaerents, MD

*Associate Professor of Neurology  
(Epilepsy/Clinical Neurophysiology),  
Medical Education and Neurology  
(Neuro-infectious Disease  
and Global Neurology)  
Northwestern University  
Feinberg School of Medicine*

# Program Faculty

**Scott Adney, MD, PhD**

Assistant Professor of Neurology  
(Epilepsy/Clinical Neurophysiology),  
Northwestern University  
Feinberg School of Medicine

**Zinal Agnihotri, MSW, LCSW**

Rush University Medical Center

**Alicia Alonso, RN**

Ann & Robert H. Lurie  
Children's Hospital of Chicago

**Antoaneta J. Balabanov, MD**

Director, Epilepsy Fellowship Program  
Associate Professor,  
Department of Neurological Sciences  
Rush Medical College  
Director, Clinic of Dietary Treatments  
of Epilepsy  
Medical Director  
Rush Epilepsy Center

**Adriana C. Bermeo-Ovalle, MD**

Director, Laboratory of  
Electroencephalography  
Associate Professor,  
Department of Neurological Sciences  
Section of Epilepsy  
Rush University Medical Center

**Karan S. Dixit, MD**

Assistant Professor of Neurology  
(Neuro-oncology and Hospital Neurology)  
Northwestern University  
Feinberg School of Medicine

**Rebecca M. Garcia Sosa, MD**

Attending Physician, Division of  
Neurology, Epilepsy Center  
Ann & Robert H. Lurie  
Children's Hospital of Chicago  
Pediatric Epilepsy Fellowship  
Site Director  
Clinical Neurophysiology  
Fellowship Site Director  
Child Neurology Associate  
Program Director  
Assistant Professor of Pediatrics  
(Neurology and Epilepsy)  
Northwestern University  
Feinberg School of Medicine

**Elizabeth E. Gerard, MD**

Associate Professor of Neurology  
(Epilepsy/Clinical Neurophysiology)  
Clinical Neurophysiology  
Fellowship Director  
Northwestern University  
Feinberg School of Medicine

**Asia Giammarco-Hock, MS, MMS, PA-C**

Northwestern Medicine

**Kristin Gustashaw, MS, RD, LDN, CSG**

Rush University Medical Center

**Mitra Habibi, PharmD**

University of Illinois at Chicago

**Hiba A. Haider, MD, FACNS, FAES**

Director, Critical Care EEG  
Monitoring Program  
UChicago Medicine  
Associate Professor of Neurology  
The University of Chicago, Biological  
Sciences Division

**Yara Mikhaeil-Demo, MD**

Assistant Professor of Neurology  
(Epilepsy/Clinical Neurophysiology)  
Northwestern University  
Feinberg School of Medicine

**Chalongchai (Jake) Phitsanu Wong, MD, FAAP, FAES**

Director, Child Neurology Residency  
Training Program  
Director, Ketogenic Diet Program  
Associate Director,  
Epilepsy Fellowship Program  
Associate Professor of Pediatrics  
The University of Chicago Medicine

**Manoj Raghavan, MD, PhD**

Associate Professor of Neurology  
and Neurosurgery  
Medical College of Wisconsin

**Lubov F. Romantseva, MD**

Associate Professor of Pediatrics  
(Neurology and Epilepsy)  
Rush Medical College

**Anna Serafini, MD**

Assistant Professor, Department of  
Neurology and Rehabilitation  
University of Illinois at Chicago

**Travis Stoub, PhD**

Associate Professor, Department of  
Neurological Sciences  
Rush University

**Aaron F. Struck, MD**

Director, University of Wisconsin  
Comprehensive Epilepsy Program  
and EEG Lab  
Director, Clinical Neurophysiology  
Fellowship  
Director, Epilepsy Fellowship  
Assistant Professor of Neurology  
University of Wisconsin School of  
Medicine and Public Health

**James Tao, MD, PhD**

Director of Neurophysiology and Epilepsy,  
Adult Epilepsy Center  
Professor, Department of Neurology  
University of Chicago  
Pritzker School of Medicine

**Jessica W. Templer, MD**

Director, Epilepsy Fellowship  
Northwestern Medicine  
Comprehensive Epilepsy Center  
Assistant Professor of Neurology  
(Epilepsy/Clinical Neurophysiology)  
Northwestern University  
Feinberg School of Medicine

**Brandon Westover, MD, PhD**

Associate Professor of Neurology  
Harvard Medical School  
Massachusetts General Hospital

# Agenda

## Friday, May 10

### COMPREHENSIVE, MULTIDISCIPLINARY EPILEPSY CARE - SUBSPECIALTY CLINICS

Chairs: Adriana C. Bermeo-Ovalle, MD, and Asia Giammarco-Hock, MS, MMS, PA-C

1:00 pm	<b>Registration and Welcome Reception</b>
2:00 pm	<b>Welcome and Introduction</b>
2:05 pm	<b>Women Issues in Epilepsy Clinic</b> <i>Anna Serafini, MD, and Mitra Habibi, PharmD</i>
2:45 pm	<b>Epilepsy Diet Clinic</b> <i>Antoaneta J. Balabanov, MD, and Kristin Gustashaw, MS, RD, LDN, CSG</i>
3:25 pm	<b>Spanish Speaking Epilepsy Clinic</b> <i>Rebecca M. Garcia Sosa, MD, and Alicia Alonso, RN</i>
4:05 pm	<b>Q&amp;A</b>
4:15 pm	<b>Break</b>
4:30 pm	<b>Nonepileptic Seizure Treatment (NEST) Clinic</b> <i>Adriana C. Bermeo-Ovalle, MD, and Zinal Agnihotri, MSW, LCSW</i>
5:10 pm	<b>Low-Grade Glioma Clinic</b> <i>Jessica W. Templer, MD, and Karan S. Dixit, MD</i>
5:50 pm	<b>Wrap Up</b>
6:00 pm	<b>Adjournment</b>
6:00-8:00 pm	<b>Cocktail Reception</b>

## Saturday, May 11

### GENETICS OF FOCAL EPILEPSY

MORNING

Chairs: Elizabeth E. Gerard, MD, Linda C. Laux, MD, and Chalongchai (Jake) Phitsanuwong, MD, FAAP, FAES

7:50 am	<b>Breakfast</b>
8:25 am	<b>Session Introduction</b>
8:30 am	<b>Focal Epilepsy in Channelopathies</b> <i>Chalongchai (Jake) Phitsanuwong, MD, FAAP, FAES</i>
9:00 am	<b>Familial Focal Epilepsies</b> <i>Scott Adney, MD, PhD</i>

# Saturday, May 11 (Continued)

**9:30 am**            **Somatic Mosaicism**  
*Elizabeth E. Gerard, MD*

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**10:00 am**           **Q&A**

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**10:15 am**           **Break**

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**10:30 am**           **Precision Medicine in Genetic Focal Epilepsy**  
*Linda C. Laux, MD*

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**11:00 am**           **Genetic Testing and Epilepsy Surgery**  
*Lubov F. Romantseva, MD*

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**11:30 am**           **Fellow Case Presentations**  
*Moderator: Elizabeth E. Gerard, MD*

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**12:00 pm**           **Lunch**

## ADVANCED EEG TECHNIQUES

## AFTERNOON

Chairs: Aaron F. Struck, MD, and James Tao, MD, PhD

**1:00 pm**            **Automated EEG Interpretation for Epilepsy**  
*Brandon Westover, MD, PhD*

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**1:30 pm**            **Automated EEG Interpretation in the ICU**  
*Brandon Westover, MD, PhD*

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**2:00 pm**            **Quantitative EEG**  
*Hiba A. Haider, MD, FACNS, FAES*

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**2:30 pm**            **EEG Source Imaging**  
*Travis Stoub, PhD*

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**3:00 pm**            **Q&A**

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**3:15 pm**            **Break**

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**3:30 pm**            **MEG**  
*Manoj Raghavan, MD, PhD*

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**4:00 pm**            **Invasive EEG Source Modeling**  
*James Tao, MD, PhD*

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**4:30 pm**            **Fellow Case Presentations**  
*Moderator: Stephan U. Schuele, MD, MPH*

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**5:30 pm**            **Adjournment**



### Program Location

The program will be held at Northwestern Medicine Prentice Women's Hospital, 250 E. Superior Street, Third Floor, Conference Room L South, Chicago, IL.

### Directions and Parking

Please visit our website at [nm.org](http://nm.org) for directions to the conference. We offer discounted parking in the garage just south of Prentice Women's Hospital at 222 E. Huron Street.

### Hotel Accommodations

To make a hotel reservation, visit our list of local hotels offering discounted rates for Northwestern Medicine visitors [here](#). We recommend you make your reservations as soon as possible to ensure accommodations.

### Audience

The content of the program is appropriate for physicians and healthcare providers who care for, detect, diagnose, manage and treat seizures and epilepsy.

### Registration Fees

Attending physician: \$120

APP, RN or tech: \$60

Trainee, student or Northwestern faculty/employee: \$0

### Registration Procedure

To register online, please visit [here](#). If paying with check, please mail your check, made payable to **Northwestern Memorial Hospital (CME)**, to the following address:

#### Sarah Praski

C/o Northwestern Memorial HealthCare  
541 N. Fairbanks Court, Suite 950-Office 963  
Chicago, IL 60611

### Cancellations/Refunds

Cancellations must be made in writing to [sbaggs@nm.org](mailto:sbaggs@nm.org). The registration fee will be refunded if cancellation is received on or before **April 26**. No refunds will be issued after this date.

### Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of *11.25 AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Self-Assessment CME

The American Board of Psychiatry and Neurology has reviewed *Chicago's 8th Annual Advances in Epilepsy and EEG- a Hybrid CME Program* and has approved this activity as part of a comprehensive *Self-Assessment* activity, which is mandated by the ABMS as a necessary component of Continuing Certification.

### ASET

The Neurodiagnostic Society has granted ASET Continuing Education Units [ASET-CEUs] for this program. Such crediting, however, should not be construed by program participants as an endorsement of any type of instruments or supplies mentioned or involved in these presentations.

### American Board of Surgery Continuous Certification Program

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

*ABS CME credits will be submitted to the boards within 3 months of the conclusion of the activity.*

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Friday & Saturday,  
May 10-11, 2024

## Registration Form

### How to Register

 **ONLINE:** <https://northwestern.cloud-cme.com/>

 **OR MAIL** with check (*payable to Northwestern Memorial Hospital (CME)*)

Sarah Praski  
c/o Northwestern Memorial HealthCare  
541 N. Fairbanks Court  
Suite 950-Office 963  
Chicago, IL 60611

### For Questions:

**Email:** sbaggs@nm.org

**Phone:** 312.926.7975

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### Please Type or Print

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Attending Physician (\$120)     APP, RN or tech (\$60)     Trainee, student or Northwestern faculty/employee (\$0)

Title \_\_\_\_\_

Specialty \_\_\_\_\_

Subspecialty \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Email (Required) \_\_\_\_\_

*Your registration confirmation will be emailed*

Special Dietary Requirements \_\_\_\_\_

*Advance notification required*

Disability Accommodations \_\_\_\_\_

*Please advise us of your needs*

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### How did you hear about our program?

Brochure    Email    Website    Word of Mouth    Previous Attendee