

A 3D anatomical model of a human brain, rendered in shades of blue and purple, is positioned on the left side of the page. The brain is shown from a slightly elevated, lateral perspective, highlighting the gyri and sulci. The background is a gradient of light blue and white, with a dark blue diagonal shape on the right side that contains the main title text.

# Northwestern's Sixth Annual Advances in Epilepsy and EEG— a Virtual CME Program

**May 13-14, 2022**

**NOW OFFERING ABPN SELF-ASSESSMENT CME!**

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

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# Northwestern's Sixth Annual Advances in Epilepsy and EEG—a Virtual CME Program

**Course Directors: Stephan U. Schuele, MD, MPH, Stephen A. VanHaerents, MD, and Joyce Y. Wu, MD**

Epilepsy is a rapidly evolving field. In the past few years, new algorithms for the treatment of new-onset seizures have been developed and new technologies have revolutionized the way we perform epilepsy surgery and brain stimulation to improve seizure control. 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 these updates in epilepsy diagnosis and treatment.

Northwestern Medicine is excited to now 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. Our virtual program aims to help you stay connected and meet your CME requirements during these challenging times. We hope you will join Northwestern and invited faculty for interactive and engaging discussion on May 13-14.

## PROGRAM OBJECTIVES

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

- 1) Identify the distinction between acute symptomatic, provoked and unprovoked seizures and the associated risk for epilepsy.
- 2) Outline a systematic approach in evaluating patients who present with a first seizure.
- 3) Distinguish the optimal method for invasive EEG evaluation for epilepsy.
- 4) Explain the rationale for using electrical seizure stimulation and limitations.
- 5) Review the concept behind invasive and noninvasive targets for neuromodulation to treat epilepsy and other brain disorders.

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

# Friday, May 13

## NEW-ONSET SEIZURE

*Chairs: Yara Mikhaeil-Demo, MD, Anna Serafini, MD, and Stephen A. VanHaerents, MD*

**12:45 pm**

### **Welcome and Introduction**

*Stephen A. VanHaerents, MD*

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**1:00 pm**

### **Epidemiology and Definition of Seizures and Epilepsy**

*Anne T. Berg, PhD*

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**1:45 pm**

### **First Unprovoked Seizure Diagnostic Workup and Treatment**

*Stephen A. VanHaerents, MD*

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**2:30 pm**

### **Q&A**

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**2:45 pm**

### **Break**

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**3:00 pm**

### **Acute Symptomatic Seizure: Diagnostic Workup and Treatment**

*Vineet Punia, MD, MS*

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**4:00 pm**

### **Legal Counseling: Employment, Disability, Driving and Human Resources**

*Jeffrey A. Rabin, JD*

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**4:45 pm**

### **Q&A**

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**5:00 pm**

### **DEBATE: When and If to Stop Meds After New-Onset Seizures**

*Panelists: Vineet Punia, MD, MS, Stephan U. Schuele, MD, MPH,  
and Stephen A. VanHaerents, MD*

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**6:00 pm**

### **Adjournment**

# Saturday, May 14

## MORNING

### EPILEPSY SURGERY

*Chairs: Stephan U. Schuele, MD, MPH, and James Tao, MD, PhD*

7:50 am

#### Welcome Back

*Stephan U. Schuele, MD, MPH*

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8:00 am

#### Presurgical Evaluation

*Adriana C. Bermeo-Ovalle, MD*

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8:30 am

#### When Do You Stop Medication?

*Lara Jehi, MD*

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9:00 am

#### Pediatric Epilepsy Surgery

*Douglas R. Nordli, MD*

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9:30 am

#### Q&A

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9:45 am

#### Break

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10:00 am

#### Debate: Comparison Subdural Grid vs. SEEG

*James Tao, MD, PhD (SDE) and Stephan U. Schuele, MD, MPH (SEEG)*

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10:30 am

#### Ictal Biomarkers and Pattern

*Shasha Wu, MD, PhD*

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11:00 am

#### Debate: Electrical Stimulation for Seizures

*Birgit Frauscher, MD, PhD, (pro) and PD Dr. med. Stephanie Gollwitzer (con)*

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11:45 am

#### Q&A

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12:00-1:00 pm

#### Lunch (Networking Roundtable)

## AFTERNOON

**NEUROSTIMULATION**

*Chairs: Antoaneta Balabanov, MD, Sandi K. Lam, MD, MBA, and Joyce Y. Wu, MD*

<b>1:00 pm</b>	<b>Neuromodulatory Devices in Adults</b> <i>Patricia C. Dugan, MD</i>
<b>1:30 pm</b>	<b>Neuromodulatory Devices for Pediatric Epilepsy Syndromes</b> <i>Priyamvada Tatachar, MBBS, MD</i>
<b>2:00 pm</b>	<b>Pediatric Surgical Considerations of Neuromodulatory Devices</b> <i>Sandi K. Lam, MD, MBA</i>
<b>2:30 pm</b>	<b>Adult Surgical Considerations of Neuromodulatory Devices</b> <i>Sepehr B. Sani, MD</i>
<b>3:00 pm</b>	<b>Q&amp;A</b>
<b>3:15 pm</b>	<b>Break</b>
<b>3:30 pm</b>	<b>New Targets for Neurostimulation in Epilepsy</b> <i>Sameer Sheth, MD, PhD</i>
<b>4:00 pm</b>	<b>New Stimulation Techniques for Epilepsy</b> <i>Mouhsin Shafi, MD, PhD</i>
<b>4:30 pm</b>	<b>Benefit for Psychiatric Disorders</b> <i>Mehmet E. Dokucu, MD</i>
<b>5:00 pm</b>	<b>Q&amp;A</b>
<b>5:10 pm</b>	<b>Adjournment</b>

# PROGRAM COURSE DIRECTORS

**Stephan U. Schuele, MD, MPH**

*Division Chief, Epilepsy  
and Clinical Neurophysiology  
Medical Director,  
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Ann & Robert H. Lurie  
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# PROGRAM FACULTY

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Treatments of Epilepsy  
Medical Director  
Rush Epilepsy Center*

**Anne T. Berg, PhD**

*COMBINEDBrain, Director for  
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*Associate Professor of  
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Director, Epilepsy Special  
Procedures Service  
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**Birgit Frauscher, MD, PhD**

*Professor of Neurology  
& Neurosurgery  
Group Leader, Epilepsy Program  
Director, ANPHY Lab  
McGill University*

**PD Dr. med. Stephanie Gollwitzer**

*PD Dr. med. Stephanie Gollwitzer  
Clinic for Neurology  
Epilepsy Center  
University Hospital Erlangen*

**Lara Jehi, MD, MHCDS**

*Chief Research Information Officer  
Professor of Neurology  
Cleveland Clinic*

**Sandi K. Lam, MD, MBA**

*Division Head, Neurosurgery  
David G. McLone, MD, PhD, Professorship  
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**Douglas R. Nordli, Jr., MD**

*Professor of Pediatrics  
Chief, Section of Pediatric Neurology  
Co-Director, Comprehensive  
Epilepsy Center  
University of Chicago*

**Vineet Punia, MD, MS**

*Staff Physician,  
The Charles Shor Epilepsy Center  
Cleveland Clinic*

## PROGRAM FACULTY CONT'D

### **Jeffrey A. Rabin, JD**

Jeffrey A. Rabin & Associates  
Park Ridge, Illinois

### **Sepehr B. Sani, MD**

Associate Professor,  
Department of Neurosurgery  
Rush Medical College  
Stereotactic & Functional Fellowship  
Program Director  
Associate Director, Residency Program  
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### **Anna Serafini, MD**

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Department of Neurology  
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### **Mouhsin Shafi, MD, PhD**

Associate Professor in Neurology,  
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(BIDMC), Harvard Medical School  
Director, Berenson-Allen Center for  
Noninvasive Brain Stimulation  
Medical Director, BIDMC EEG Laboratory

### **Sameer Sheth, MD, PhD**

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Cullen Foundation Endowed Chair  
Vice-Chair, Research  
McNair Scholar  
Surgical Director,  
Comprehensive Epilepsy Center  
Director, Psychiatric Neurosurgery  
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Baylor College of Medicine  
Adjunct Associate Professor  
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Computer Engineering  
Rice University

### **James Tao, MD, PhD**

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

### **Priyamvada Tatachar, MBBS, MD**

Attending Physician,  
Neurology and Epilepsy  
Ann & Robert H. Lurie  
Children's Hospital of Chicago  
Assistant Professor of Pediatrics,  
Neurology and Epilepsy  
Northwestern University  
Feinberg School of Medicine

### **Shasha Wu, MD, PhD**

Associate Professor of Neurology  
The University of Chicago  
Pritzker School of Medicine



### **Audience**

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

### **Registration Fee**

The registration fee is \$100 for physicians, \$25 for nurses and techs and no fee for students, trainees and Northwestern faculty/employees.

### **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 address listed below.

### **Sarah Baggs**

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

### **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 *11.75 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 ***Northwestern Medicine's Sixth Annual Advances in Epilepsy and EEG—a Virtual 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.





# Registration Form

## Registration Category

- Physician.....\$100
- Nurse or tech ..... \$25
- Trainee, student or Northwestern faculty/employee.....\$0

## How to Register

 **ONLINE:** [cme.northwestern.edu](http://cme.northwestern.edu)

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

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

## For Questions:

**Email:** [sbaggs@nm.org](mailto:sbaggs@nm.org)

**Phone:** 312-926-7975

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## Please Type or Print

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

Physician  Nurse  Tech  Trainee  Student  Other \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

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

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

*Your registration confirmation will be emailed*

Specialty \_\_\_\_\_

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## How did you hear about our program?

Brochure  Email  Website  Social Media  Word of Mouth  Previous Attendee

