

Keck School of Medicine of USC

Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033



EPILEPSY: State of the Art and Future Directions

May 16, 2026

Live Conference

USC Health Sciences Campus

Aresty Conference Center

1450 Biggy Street, Los Angeles, California, 90033

TO REGISTER



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EPILEPSY: State of the Art and Future Directions

Live Conference

Saturday, May 16, 2026 • 8:00 am - 2:25 pm

USC Health Sciences Campus, Aresty Conference Center

Earn: Up to 4.75 AMA PRA Category 1 Credits™

Keck School of Medicine of USC

Presented by:

Department of Neurological Surgery, Department of Neurology, Department of Psychiatry and Behavioral Sciences, and the USC Office of Continuing Medical Education

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PROGRAM AGENDA

8:00 AM–8:45 AM

Live Registration Opens and Continental Breakfast

8:45 AM–9:00 AM

Welcome and Introduction:

Ryan McGinn, MD, MASc, Brian Lee, MD, PhD, and Charles Liu, MD, PhD

STATE OF THE FIELD

Moderator: Brian Lee, MD, PhD

9:00 AM–9:20 AM

Medically Refractory Epilepsy - Epidemiology and Approach:

David Millett, MD, PhD

9:20 AM–9:40 AM

Psychiatric and Social Comorbidities of Epilepsy: Shawna Benard, MD, MPH

9:40 AM–10:00 AM

Community and Rural Practice - Challenges and Opportunities:

Michael Gibbs, MD and Hari Veedu, MD

10:00 AM–10:20 AM

Epilepsy in Transition - from Pediatric to Adult Care:

Sucheta Joshi, MD, MS

10:20 AM–10:40 AM

The USC Epilepsy Consortium: Hubs and Spokes, and Beyond:

Charles Liu, MD, PhD

10:40 AM–11:00 AM

Break

CURRENT TREATMENTS AND CONSIDERATIONS

Moderator: Ryan McGinn, MD, MASc

11:00 AM–11:20 AM

Treatment of Women with Epilepsy: Laura Kalayjian, MD

11:20 AM–11:40 AM

Epilepsy Genetics - Impacts on Treatment: Maija-Riikka Steenari, MD

11:40 AM–12:00 PM

Stereo EEG/Seizure Localization in Medically Refractory Epilepsy:

Virendra Desai, MD

12:00 PM–12:20 PM

Laser Ablation and Surgical Resections: Brian Lee, MD, PhD

12:20 PM–12:40 PM

Stimulation in the Treatment of Epilepsy: Darrin Lee, MD, PhD

12:40 PM–1:20 PM

Lunch

ADVANCES - PRESENT AND FUTURE

Moderator: Brian Lee, MD, PhD

1:20 PM–1:40 PM

Autoimmune Epilepsy - Advances in Diagnosis and Treatment:

Jonathan Kuo, MD and Masoud Majed, MD

1:40 PM–2:00 PM

Thalamic Stereo-Encephalography and Personalized Stimulation:

Ryan McGinn, MD, MASc

2:00 PM–2:20 PM

Stem Cells and Epilepsy:

Michael Bonaguidi, PhD

2:20 PM–2:25 PM

Closing Remarks: Ryan McGinn, MD, MASc, Brian Lee, MD, PhD, and Charles Liu, MD, PhD

2:25 PM **Adjourn**

2:30 PM **Optional Programming Session (RNS, DBS, VNS)**

FACULTY - KECK SCHOOL OF MEDICINE OF USC



Ryan McGinn, MD, MASc, FRCPC

Course Director

Assistant Professor of Clinical Neurology, Department of Neurology, Keck School of Medicine of USC



Brian Lee, MD, PhD

Course Director

Director, Stereotactic and Functional Neurosurgery

Associate Director, USC Neurorestoration Center

Associate Professor of Neurological Surgery and Biomedical Engineering (Clinical Scholar), Keck School of Medicine of USC

■ **Shawna Benard, MD, MPH**

Associate Professor of Clinical Neurology, Department of Neurology, Keck School of Medicine of USC

Medical Director, Keck Hospital of USC Epilepsy Monitoring Unit

■ **Michael Bonaguidi, PhD**

Associate Professor of Stem Cell & Regenerative Medicine and Gerontology, Keck School of Medicine of USC

■ **Virendra Desai, MD**

Surgical Director, Comprehensive Epilepsy Center, Children's Hospital Los Angeles

Assistant Professor, Pediatric Neurosurgery, Keck School of Medicine of USC

■ **Sucheta Joshi, MD, MS**

Medical Director, Comprehensive Epilepsy Program, Children's Hospital, Los Angeles

Professor of Neurology and Pediatrics, Keck School of Medicine, USC

GUEST FACULTY

■ **Michael Gibbs, MD**

Medical Director, Epilepsy Program, Santa Barbara Cottage Hospital, Santa Barbara, California

■ **Maija-Riikka Steenari, MD**

Associate Division Chief for CHOC Neurology Division
Associate Professor, Department of Neurology and Pediatrics, University of California Irvine School of Medicine, Irvine, California

Charles Liu, MD, PhD

Course Director

Director, USC Neurorestoration Center

Director of Epilepsy Surgery & Secretary, USC Epilepsy

Care Consortium

Professor, Departments of Neurological Surgery, Neurology, Psychiatry, Urology, and Surgery, Keck School of Medicine of USC

Professor, Department of Biomedical Engineering, USC Viterbi School of Engineering

Professor, Division of Biokinesiology & Physical Therapy, University of Southern California

Chief of Innovation and Research & Director, RLA Neurorestoration Center, Rancho Los Amigos National Rehabilitation Center

■ **Laura Kalayjian, MD**

Medical Director, Neurophysiology Lab, and Director, Neurology Obstetrics Clinic, LA General Hospital

Associate Professor of Neurology, Volunteer Faculty, Keck School of Medicine of USC

■ **Jonathan Kuo, MD**

Assistant Professor of Clinical Neurology, Department of Neurology, Keck School of Medicine of USC

■ **Darrin Lee, MD PhD**

Associate Director, USC Neurorestoration Center

Associate Professor of Neurological Surgery and Psychiatry and the Behavioral Sciences (Clinical Scholar), Keck School of Medicine of USC

■ **Masoud Majed, MD**

Assistant Professor of Clinical Neurology, Department of Neurology, Keck School of Medicine of USC

■ **David Millett, MD PhD**

Director, Hoag Epilepsy Center, Hoag Neurosciences Institute

Adjunct Assistant Professor of Clinical Neurology, Department of Neurology, Keck School of Medicine of USC

■ **Hari Veedu, MD**

Epilepsy Program Director, Kern Medical

Consultant Neurologist, United Neuroscience Inc., Bakersfield, California

COURSE DESCRIPTION

Our comprehensive epilepsy program is designed for healthcare professionals who manage the care of patients with epilepsy. This one-day course provides an overview of complexities of modern epilepsy care, including diverse etiologies of epilepsy, practice settings, and comorbidities.

We will also review modern therapies for epilepsy refractory to antiseizure medications, which include surgical management and treatment of epilepsy with stimulation devices. Some aspect of emerging research will also be presented.

Participants will attend a series of interactive lectures by expert USC faculty and invited speakers along with case presentations. Participants can attain and integrate new, practical information into their clinical practice on managing and improving outcomes in patients with epilepsy.

COURSE OBJECTIVES

- Identify when to refer patients to a Level 4 Epilepsy Center.
- Assess if a patient is a candidate for epilepsy surgical workup.
- Know various treatment options for epilepsy.
- Identify when to consider genetic and autoimmune causes of epilepsy.

TARGET AUDIENCE

This course is intended for neurologists, neurosurgeons, psychiatrists, primary care physicians and other healthcare professionals seeking to enhance their understanding of the latest in epilepsy diagnosis and treatment.

ACCREDITATION STATEMENT

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

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 4.75 *AMA PRA Category 1 Credits™*. **Physicians** should claim only the credits commensurate with the extent of their participation in the activity.

The following may apply 4.75 *AMA PRA Category 1 Credit(s)™* for license renewal:

Registered Nurses may report up to 4.75 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

REGISTRATION

Epilepsy: State of the Art and Future Directions-May 16, 2026

Early-bird price for live registration ends May 12, 2026 at 12:00 pm, PDT. To register after May 12, 2026, register on-site on May 16, 2026, at the venue.

Tuition:	Early-Bird	After May 12
MD/DO	<input type="checkbox"/> \$150	<input type="checkbox"/> \$175
NP/PA/APP or RN/AH or PT	<input type="checkbox"/> \$100	<input type="checkbox"/> \$125
Resident/Fellow	<input type="checkbox"/> \$50	<input type="checkbox"/> \$50

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Cancellation: Cancellations must be received by the USC Office of CME (fax or email) by May 12, 2026, 12:00 pm PDT for a refund. A \$50 cancellation fee will be applied. In the event of course cancellation by conference organizers, registration fees will be fully refunded. USC will not refund any travel costs incurred.

Location: Catherine and Joseph Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus, 1450 Biggy Street, Los Angeles, CA 90033

Parking: \$20 at Biggy Parking Structure (P8): 1334 Biggy Street, Los Angeles, CA 90033. Parking is contactless and there will not be an attendant on duty. Follow the signs with these instructions: Park in any unmarked space. **Text BGGY to 25023**. Enter your license plate and payment details.

Register: **Mail:** 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Mail-in registration must be postmarked by May 12, 2026.
Online: keckusc.cloud-cme.com/epilepsy26
Phone: (323) 442-2555 | Fax: (323) 442-3734
Email: usceme@usc.edu
On-site: Available May 16, 2026, 8:00 am, Aresty Conference Center.
Visa or Mastercard only
AMEX, Mastercard or Visa

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____ TELEPHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

SPECIAL DIETARY OR PHYSICAL NEEDS _____

We strive to accommodate dietary recommendations. Please note that not all food items may meet special requirements. Food items will be labeled for your convenience. ***Registration confirmation and event reminder will be emailed.**

Method of Payment: No cash payment accepted.

Check (Check payable to USC. Check payment must be postmarked by May 12, 2026)

Credit Card (American Express by Fax/Phone/Mail only, Mastercard or Visa online)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.