Course Description
The UCLA Review of Clinical Neurology is designed to provide a comprehensive and practical review for neurologists wishing to strengthen their proficiency in diagnosing and treating core disease states in neurology.

The course is organized to provide attendees with a review of clinical neurology based on major disease topics. Each neurological core topic will be organized to provide a summary of the clinical spectrum of disorders, pathophysiology, etiology, diagnostic techniques and management options. Lectures will utilize cases and audience participation to help participants appraise their knowledge and actively engage in the learning process. Each lecture will include a discussion of three recent advancements made in the last year.

This activity is certified and approved to provide CME Category 1 credits and can be used to satisfy competency requirement for the Maintenance of Certification (MOC) requirements of the American Board of Psychiatry and Neurology (ABPN) and ABPN-Self Assessment.

Course Highlights
- Comprehensive evidence-based review of common neurological problems
- Presentation of common and important neurologic conditions, emphasizing practical aspects of clinical care and highlighting recent discoveries in disease mechanisms, pathophysiology, diagnostic tools and recently approved treatment options
- Audience participation in case-based discussions utilizing an interactive case-based approach
- Effective, evidence-based treatment options based on recent publications of the American Academy of Neurology Practice Guidelines
- Presentation of “three new things” focusing on recent advances in the clinical domain presented
- Demonstration of video montages will empower attendees with clinical pearls to appreciate clinical manifestations in their practice
- Discussion of strategies to optimize wellness in their own lives

Course Learning Objectives
At the conclusion of this course, participants should be able to:
- Utilize most current evidenced-based practices to improve confidence in diagnosing and managing major disease states in neurology, including multiple sclerosis, headaches, epilepsy, CNS infections, movement disorders, dementia, sleep disorders, delirium, neuromuscular diseases, neurootology, stroke management, neuroophthalmology, pain, autoimmune conditions and ethical issues in neurology
- Discuss neurologic disease utilizing a case-based approach across the age groups from pediatrics to older age
- Explore the utility of neurologic testing, including neuropsychiatric testing, sleep studies, imaging and neurophysiological assessments such as EEG and EMG/NVC
- Identify the most current and appropriate therapeutic strategies for common neurologic disorders and complaints
- Identify, articulate and apply ethical principles to the care of patients with complex and challenging neurological disorders

Target Audience:
This course is designed for practicing neurologists either in private, health group, and/or academic practice as well as neurology, psychiatry, neurosurgery trainees (residents, fellows). The course will also be very helpful for allied health care providers in neuroscience specialties (psychologists, physician assistants, nurses and nurse practitioners, speech pathologists and physical and occupational therapists)
# Program Schedule

[www.cme.ucla.edu/courses/neuro2019](http://www.cme.ucla.edu/courses/neuro2019)

## Day 1 – Friday, September 13, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:45 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>7:55 AM</td>
<td>Welcome Address</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Concussion and Traumatic Brain Injury</td>
</tr>
<tr>
<td>8:45 AM</td>
<td>What Do General Neurologists Need to Know About Stroke</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Innovation in Stroke Evaluation and Management</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Using Genetics to Understand Neurologic Disorders</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Neuroophthalmology Pearls for the Neurologist</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Movement Disorders: Overview and Updates</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Epilepsy 101: Updates on Classification, Diagnosis and Management</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Break</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Innovations in Neurostimulation</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Neuroethics Cases and Discussion</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

## Day 2 – Saturday, September 14, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>What Neurologists Need to Know About Sleep</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>CNS Infections in the United States</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Headache: Diagnosis, Red Flags, Management and Innovations</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>Practical Approaches to the Dizzy Patient</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>Multiple Sclerosis: Diagnosis and Management</td>
</tr>
<tr>
<td>2:15 PM</td>
<td>Cases in Critical Care Neurology</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Break</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Dementia Cases</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Disturbed Sleep as a Novel Risk Factor for Cognitive Decline and Alzheimer's Disease</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Adjourn</td>
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</tbody>
</table>

## Day 3 – Sunday, September 15, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Pediatric Neurology Cases</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Low Back Pain: When to Workup, Refer and Operate</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Neuromuscular Review</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Psychiatry for the Practicing Neurologist</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Neurooncology Cases</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Break</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Cannabis Use in Neuropsychiatric Disorders</td>
</tr>
<tr>
<td>4:15 PM</td>
<td>Rehabilitation: Caring for Your Patient with Neurologic Disability</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
Navaz Karanjia, MD  
Associate Professor of Neurosciences  
Departments of Neurosciences and Anesthesiology  
Director, UCSD Neurocritical Care and Neuro-ICU  
UC San Diego Health  
San Diego, CA

Adrienne Keener, MD  
Assistant Professor*  
Movement Disorders Program  
Associate Program Director, Residency Training Program  
UCLA Department of Neurology

Albert Lai, MD, PhD  
Professor*  
UCLA Neuro-Oncology Program  
UCLA Department of Neurology

Andrew Leuchter, MD  
Professor of Psychiatry and Biobehavioral Sciences*  
Director, TMS Clinical and Research Service  
Director, Neuromodulation Division  
UCLA Department of Psychiatry

Bryce Mander, PhD  
Assistant Professor  
Psychiatry & Human Behavior  
UC Irvine School of Medicine

Aaron McMurtray, MD, PhD  
Associate Professor**  
Medical Director for Dementia Clinics  
UCLA Department of Neurology

Callene Momtazee, MD  
Associate Clinical Professor*  
UCLA Multiple Sclerosis Program  
UCLA Department of Neurology

May Nour, MD, PhD  
Assistant Professor of Neurology & Radiology*  
Medical Director, Arline & Henry Gluck Mobile Stroke Rescue Program  
UCLA Comprehensive Stroke Center  
UCLA Division of Interventional Neuroradiology

Nader Pouratian, MD, PhD  
Professor of Neurosurgery*  
Vice Chair of Academic Affairs  
UCLA Department of Neurosurgery

Neal M. Rao, MD  
Assistant Professor of Neurology*  
UCLA Stroke Center  
Director, Olive View Medical Center Stroke Program  
UCLA Department of Neurology

Perry Shieh, MD, PhD  
Associate Professor of Neurology*  
UCLA Neuromuscular Program  
UCLA Department of Neurology

Elyse Singer, MD  
Professor of Neurology*  
Director, UCLA Neuro-ID Program  
UCLA Department of Neurology

Thomas Strouse, MD  
Maddie Katz Professor**, Palliative Care Research and Education Medical Director, RNPH  
Vice-Chair Clinical Affairs  
UCLA Department of Psychiatry

Neil Wenger, MD  
Professor of Medicine*  
Director, UCLA Health Ethics Center  
UCLA Department of Medicine

* David Geffen School of Medicine at UCLA
General Information
Friday - Sunday, September 13-15, 2019

Program Location
Iris Cantor Auditorium
Geffen Hall, UCLA Campus
885 Tiverton Drive
Los Angeles, CA 90095

Refunds
Cancellations must be received in writing by Friday, August 30, 2019 and will be subject to a $50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Hotel Accommodations
UCLA has arranged a block of rooms at the UCLA Guest House for our guests. A discounted Queen and Twin room rate of $229.00 (not inclusive of taxes) will be offered. To reserve a room, please contact the UCLA Guest House and indicate you will be attending the 7th Annual UCLA Review of Clinical Neurology program. Once the room block is sold, room rates will be subject to availability.

UCLA Guest House
330 Charles E. Young Drive East
Los Angeles, CA 90024
(310) 825-2923
(0.9 miles from UCLA Geffen Hall)

Directions and Parking
From the 405 freeway, exit Wilshire Blvd., East toward Westwood. Turn left on Westwood Blvd. and turn right on Le Conte Ave. Then, turn left on Tiverton Ave. Geffen Hall is located at the intersection of Le Conte Ave. and Tiverton Ave.

Additional Information
If you have any questions, please contact the UCLA Office of Continuing Medical Education at (310) 794-2620 or visit our CME website at www.cme.ucla.edu.

Accreditation
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 23.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABPN MOC
The American Board of Psychiatry and Neurology has reviewed the 7th Annual UCLA Review of Clinical Neurology and has approved this program as part of a comprehensive CME and self-assessment program, which is mandated by the ABMS as a necessary component of maintenance of certification.

Disclosure Statement
The FDA has issued a concept paper that classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. UCLA fully endorses the letter and spirit of these concepts.
Application for Enrollment (Please Print)

**Course Title and Number**

<table>
<thead>
<tr>
<th>Course Title and Number</th>
<th>Registration Fee</th>
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<tbody>
<tr>
<td><strong>7th Annual UCLA Review of Clinical Neurology</strong> M190-14</td>
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</tbody>
</table>

**Registration Fees:**
*Register by September 1, 2019 to take advantage of pre-registration rates*

- [ ] Physicians (pre-registration) – $750
- [ ] Physicians – $900
- [ ] Allied Health Professionals (pre-registration) – $450
- [ ] Allied Health Professionals – $600
- [ ] Trainees – $300

Tuition includes registration for the 3-day course, digital course syllabus, continental breakfasts, lunches, refreshments.

Tuition excludes a hard copy syllabus. If you wish to purchase a hard copy syllabus, please indicate this in the box below.

- [ ] Hard copy Syllabus – $75

**TOTAL**

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**Name (First/Middle/Last)**

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**Degree**

**Specialty**

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**Preferred Mailing Address**

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**City / State / Zip**

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**Area Code Phone**

**Area Code Fax**

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**E-Mail Address**

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[ ] Check enclosed payable to: The Regents of the University of California

**Charge:**

- [ ] MasterCard
- [ ] Visa
- [ ] Discover
- [ ] American Express

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**Card Number**

**Expiration Mo/yr**

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**Authorizing Signature**

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**MAIL TO:** Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 7th Annual UCLA Review of Clinical Neurology, 10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024-6512

**FAX TO:** (310) 794-2624 (must include charge card information and authorizing signature)

**CALL:** (310) 794-2620

**REGISTER ONLINE:** www.cme.ucla.edu/courses/neuro2019
7th Annual UCLA Review of Clinical Neurology

September 13-15, 2019

Register today!
Enroll now by mail, fax, phone or online.

Iris Cantor Auditorium
Geffen Hall, UCLA Campus
Los Angeles, California

Cover art: Solar plate etching by artist Elizabeth Jameson