

# 2012

Addressing  
**EPILEPSY** Through  
the **LIFE CYCLE**



**7TH ANNUAL UC IRVINE EPILEPSY SYMPOSIUM**  
Saturday, January 21, 2012

**Hyatt Regency**  
**Newport Beach, California**

COMPREHENSIVE EPILEPSY PROGRAM  
UC IRVINE • HEALTHCARE

# GUEST FACULTY



**Gregory D. Cascino, MD**  
Professor of Neurology  
Chair, Division of Epilepsy  
Mayo Clinic  
Rochester, Minnesota

Gregory D. Cascino, MD, is the Whitney MacMillan, Jr., Professor of Neuroscience at the Mayo Clinic College of Medicine. Dr. Cascino is also the chair, Division of Epilepsy at Mayo Clinic, Rochester, MN. He completed an internal medicine residency at Duke University and a neurology residency and clinical neurophysiology fellowship at the Massachusetts General Hospital, Harvard University. His interests include neuroimaging in epilepsy and the identification of surgically remediable epileptic syndromes. Dr. Cascino is the associate editor of *Neurology* and a member of the Board of Directors of the American Academy of Neurology.



**Gregory L. Holmes, MD**  
Chair, Department of  
Neurology  
  
Dartmouth-Hitchcock  
Medical Center  
Lebanon, New Hampshire

Gregory L. Holmes, MD, is professor of neurology and pediatrics and chair of the Department of Neurology at Dartmouth Medical School and Dartmouth-Hitchcock Medical Center. He graduated from the University of Virginia School of Medicine in 1974 and did residencies in pediatrics at Yale University School of Medicine and pediatric neurology at the University of Virginia School of Medicine. He has been at Dartmouth Medical School since 2002 and was named the inaugural chair of neurology in 2009.

# UC IRVINE & ASSOCIATED FACULTY



## COURSE CO-CHAIR

**Mona Sazgar, MD**  
Associate Clinical Professor  
UC Irvine Department  
of Neurology

Director, UC Irvine  
Comprehensive Epilepsy  
Program



## COURSE CO-CHAIR

**Mary L. Zupanc, MD**  
Chief, Division of Child  
Neurology  
CHOC Children's Hospital  
of Orange County

Director, Comprehensive  
Epilepsy Program,  
CHOC Children's



## **Tallie Z. Baram, MD, PhD**

Professor, UC Irvine  
Departments of Pediatrics,  
Neurology, and  
Anatomy/Neurobiology

Chair, Executive Committee  
UC Irvine Epilepsy Research  
Center

Scientific Director, UC Irvine  
Comprehensive Epilepsy  
Program



## **Joanne Hamilton, PhD**

Assistant Research Scientist  
Department of Neurosciences  
University of California,  
San Diego

Private Practice Clinical  
Neuropsychologist  
San Diego/Orange County, CA



**Richard Kim, MD, MS**  
Epilepsy Neurosurgeon  
Assistant Clinical Professor  
University of California, Irvine  
Department of Neurological  
Surgery



**Jack J. Lin, MD**  
Associate Professor  
UC Irvine Department  
of Neurology

Director, Clinical Neurophysiology  
Fellowship Program  
UC Irvine Comprehensive  
Epilepsy Program



**Lilit Mnatsakanyan, MD**  
Assistant Clinical Professor  
UC Irvine Department  
of Neurology

UC Irvine Comprehensive  
Epilepsy Program



**Steven L. Small, MD, PhD**  
Chair, Department of  
Neurology

UC Irvine School of Medicine

# LOCATION



**Hyatt Regency  
Newport Beach**

**1107 Jamboree Road  
Newport Beach, California 92660  
949.729.1234 phone • 949.644.1552 fax**

## DIRECTIONS

### **From Orange County/John Wayne Airport (5 miles)**

Exit airport to MacArthur Blvd., turn right. Continue 1 mile. Turn right on Jamboree Road. Travel 3 miles south. Hotel is on right.

### **From Los Angeles Int'l Airport (50 miles)**

Take 405 South (or 5 South to 55 South) to 73 South. Exit Jamboree Road and turn right. Travel 3 miles south. Hotel is on right.

### **From the San Diego Area**

Take 5 North to 405 North. Exit Jamboree Road. Turn left. Travel 5 miles south. Hotel is on right.

### **From the Palm Springs Area**

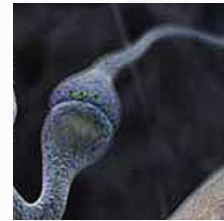
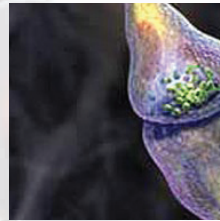
Take I-10 West to CA-60 toward Los Angeles. Take CA-91 south becoming CA-91 West. Take CA-55 South. Take CA-73 South toward San Diego. Exit Jamboree Road and turn right. Hotel on right in approximately 3 miles.

# PROGRAM

- 7:30 am **Registration and Breakfast**
- 8:00 am **Welcome and Introductions**  
**Opening Remarks**  
Steven L. Small, MD, PhD  
Mona Sazgar, MD
- 8:15 am **The Brain and Seizures throughout Life:  
Understanding a Moving Target**  
Tallie Z. Baram, MD, PhD
- 8:45 am **New Perspectives in Seizures and Epilepsy  
in Infants and Children**  
Mary L. Zupanc, MD
- 9:15 am **Cognitive and Emotional Effects of  
Childhood Epilepsy**  
Gregory L. Holmes, MD
- 10:00 am **Morning Break**
- 10:15 am **Surgical Options in Treatment of  
Pediatric Epilepsy: Updates**  
Richard Kim, MD, MS
- 10:45 am **Treatment Options of Adults with Epilepsy in 2012**  
Gregory D. Cascino, MD
- 11:30 am **Panel Discussion with Q & A**
- 11:45 am **Lunch Break**
- 12:45 pm **Women with Epilepsy: Treatment Challenges**  
Mona Sazgar, MD
- 1:15 pm **New and Underestimated Causes of Epilepsy**  
Lilit Mnatsakanyan, MD
- 1:45 pm **Addressing Emotional and Cognitive  
Effects of Epilepsy**  
Joanne Hamilton, PhD
- 2:15 pm **New Tools for Understanding Cognitive  
and Emotional Aspects of Epilepsy**  
Jack J. Lin, MD
- 2:45 pm **Panel Discussion with Q & A**
- 3:00 pm **Adjourn**

## LEARNING OBJECTIVES

- ▶ Recognize medically refractory epilepsy and its consequences and importance of early referral to an epilepsy center for early intervention and minimize cognitive and other complications of epilepsy.
- ▶ Recognize the unique challenges facing women with epilepsy and referral to comprehensive epilepsy center and high risk pregnancy obstetricians in order to optimize the care of women with epilepsy.
- ▶ Refer patients with epilepsy early to specialized centers for advanced neuroimaging.
- ▶ Assess the most recent pharmacologic guidelines for the treatment of epilepsy and incorporate them into their practice.
- ▶ Identify patients who continue to have disabling seizures despite antiepileptic drug treatment and refer them to an epilepsy center for other treatment options, such as epilepsy surgery
- ▶ Recognize medical conditions which may result in or exacerbate epileptic seizures and the treatment options when such co-morbid conditions exist.



### ACCREDITATION STATEMENT

The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide medical education for physicians.

### DESIGNATION STATEMENT

The University of California, Irvine School of Medicine designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### ADA STATEMENT

In compliance with the Americans with Disabilities Act, we will make every reasonable effort to accommodate your needs. For any special requests, please contact Laurie Gumser, lgumser@uci.edu, 714.456.3707 by January 6, 2012.

### AB1195

This activity is in compliance with California Assembly Bill 1195, which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME website at [www.cme.uci.edu](http://www.cme.uci.edu).

### DISCLOSURE STATEMENT

It is the policy for the University of California, Irvine School of Medicine and University of California CME Consortium to ensure balance, independence, objectivity and scientific rigor in all CME activities. Full disclosure of conflict resolution will be made in writing via handout materials or syllabus.

# 2012 Addressing EPILEPSY Through the LIFE CYCLE

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### CONTACT INFORMATION

|                                                                                                           |  |                   |     |
|-----------------------------------------------------------------------------------------------------------|--|-------------------|-----|
| NAME (First, Middle, Last)                                                                                |  | CREDENTIALS       |     |
| ORGANIZATION                                                                                              |  | MEDICAL SPECIALTY |     |
| Preferred mailing address is (select one): <input type="radio"/> Work/Business <input type="radio"/> Home |  |                   |     |
| ADDRESS                                                                                                   |  |                   |     |
| CITY                                                                                                      |  | STATE             | ZIP |
| EMAIL (required for confirmation)                                                                         |  |                   |     |
| TELEPHONE <input type="radio"/> Cell <input type="radio"/> Home <input type="radio"/> Work                |  | FAX               |     |
| Special Needs: If you have special assistance needs or dietary restrictions, please describe here:        |  |                   |     |

### REGISTRATION

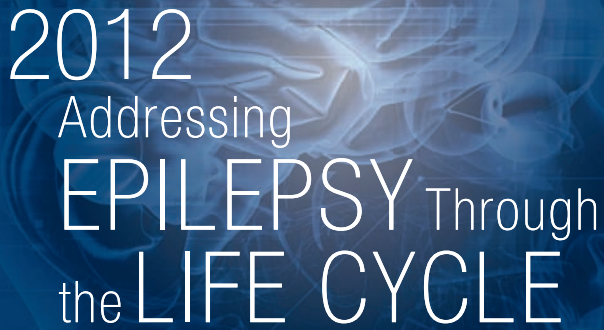
|                                                               |          |                                         |                    |
|---------------------------------------------------------------|----------|-----------------------------------------|--------------------|
| Symposium Registration Fee:                                   |          |                                         |                    |
| <input type="radio"/> Physicians                              | \$125.00 | <input type="radio"/> Patients/Families | \$25.00 per person |
| <input type="radio"/> PA's/Nurses/Allied Health Professionals | \$80.00  |                                         |                    |

### PAYMENT INFORMATION

|                                                                                                                    |                |                      |
|--------------------------------------------------------------------------------------------------------------------|----------------|----------------------|
| <input type="radio"/> Check is enclosed in the amount shown at right—make checks payable to UC REGENTS             |                | \$                   |
| Please charge my credit card:<br><input type="radio"/> MC <input type="radio"/> Visa<br><input type="radio"/> AmEx | ACCOUNT NUMBER | EXP. DATE<br>(MO/YR) |
| NAME (as it appears on credit card, please print clearly)                                                          |                | DATE                 |
| AUTHORIZED SIGNATURE                                                                                               |                |                      |

PLEASE MAIL OR FAX COMPLETED REGISTRATION FORM TO:

UC Irvine Medical Center, Business Development  
333 City Blvd West, Suite 200, Orange, CA 92867  
714.456.8223 ■ 714.456.7713 (fax) ■ elena@uci.edu



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## COURSE OVERVIEW

“Addressing Epilepsy Through the Life Cycle 2012” symposium is presented by the esteemed faculty of the UC Irvine Comprehensive Epilepsy Program. This year’s internationally known guest faculty speakers are Dr. Gregory Cascino of Mayo Clinic, Rochester, MN, and Dr. Gregory Holmes of Dartmouth Medical School.

This full-day symposium is designed for neurologists, neurology healthcare professionals, patients and caregivers who are dedicated to improving healthcare for people with epilepsy. Focus will be on recent advances in the diagnosis and treatment, providing insight and strategy to enhance the quality of life and cognitive function for people with epilepsy.

### TARGET AUDIENCE

Physicians, nurses, allied healthcare providers, individuals with epilepsy, and family members who want to expand and update their knowledge of current research, clinical diagnosis, management and emerging treatments, as well as cognition and quality-of-life issues related to complicated epilepsy.