



6th Annual  
**BRAIN INJURY  
REHABILITATION  
CONFERENCE**

**Sponsored by the  
Rehabilitation Center at Scripps Memorial Hospital Encinitas**

# Course Overview

The 6th Annual Brain Injury Rehabilitation Conference is designed to provide a clear understanding of the need for multidisciplinary strategies in the management of patients with brain injuries. A renowned faculty of interdisciplinary specialists will present the latest in research and outcomes from a variety of medical perspectives. Topics include interventions and management for medical and physical rehabilitation, as well as cognitive, emotional, and social problems common to brain injury patients. A strong emphasis on the need for increased quality, efficiency, and value in response to health care reform will be a consistent theme throughout the course as we continue our quest for excellence in brain injury treatment and rehabilitation.

## Target Audience

- Physicians
- Nurses
- Physical Therapists
- Occupational Therapists
- Speech-Language Pathologists
- Others involved in the care of patients with brain injuries

## Educational Objectives

Upon completion of the course, participants will be able to:

- Describe the epidemiology of brain injury and its resultant impairments, disability, and psychosocial impact.
- Interpret recent research and its potential impact on practice outcomes.
- Identify mechanisms involved in neural repair and their potential application to practice improvement and service provisions across rehabilitation disciplines.
- Employ multidisciplinary treatment strategies for aggressive behavior and fatigue in brain injury rehabilitation patients.
- Integrate new developments in science and medicine into practice for brain injury rehabilitation.
- Implement quality measures for brain injury rehabilitation across the multidisciplinary team.
- Assess the effect of brain injury on family and social dynamics.
- Improve quality of life for brain injury survivors and their caregivers by connecting them with community resources.

## Accreditation

Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Scripps Health designates this live activity for a maximum of *14.5 AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Documentation of awarded credit is provided for registered attendees in exchange for completed activity evaluation. Certificates of attendance are available, upon request, at the end of the course.

### American Speech-Language Hearing Association (ASHA)



Rancho Los Amigos National Rehab Center is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language

pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

Rancho Los Amigos National Rehab Center is approved by the Continuing Education Board of the American Speech-Language Hearing Association (ASHA) to provide Continuing Education activities in speech-language pathology and audiology. **This course is offered for up to 1.5 ASHA CEUs (Intermediate level; Professional Area).**

### Board of Registered Nursing

Provider approved by the California Board of Registered Nursing, Provider Number CEP15030 for 17.4 contact hours. Contact hours will be provided by Scripps Health. Contact hours for one-day registration available.

### Physical Therapy

This program is pending approval by The California Physical Therapy Association.

### Occupational Therapy

This course is approved for 1.45 AOTA CEUs by The American Occupational Therapy Association, Inc. (AOTA) The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

### DISCLOSURE

#### Commercial Support

This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. At the time of printing, a complete listing of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.

#### Cultural and Linguistic Competency

This activity is in compliance with California Assembly Bill 1195 which requires that all CME activities comprising a patient care element include curriculum addressing the topic of cultural and linguistic competency. The intent of this bill is to ensure that health care professionals are able to meet the cultural and linguistic concerns of a diverse patient population through effective and appropriate professional development. Cultural and linguistic competency was incorporated into the planning of this activity.

# Faculty

## COURSE DIRECTORS

### **Margaret A. Fuller, MA, OT/L, PAM**

Rehabilitation Educator  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Michael A. Lobatz, MD**

Vice President of Medical Affairs  
Medical Director  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Diane Romito, RN, BSN, CRRN**

Director of Rehabilitation Services  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

## CONFERENCE FACULTY

### **Juan Carlos Arango-Lasprilla, PhD**

Associate Professor, Department of  
Physical Medicine and Rehabilitation  
Rehabilitation Psychology and  
Neuropsychology  
Virginia Commonwealth University  
School of Medicine  
Richmond, Virginia

### **Mark J. Ashley, ScD, CCC-SLP, CCM**

President and Chief Executive Officer  
Centre for Neuro Skills  
Bakersfield, California

### **Rebecca C. Askew, MPT**

Certified Vestibular Therapist  
Physical Therapist, Outpatient Brain  
Injury Day Treatment Program  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Andrew M. Blumenfeld, MD**

Director, The Headache Center  
The Neurology Center of  
Southern California  
Encinitas, California

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Corporate Vice President, Quality  
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Speech and Language Pathologist  
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Scripps Memorial Hospital Encinitas  
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### **Frank J. Coufal, MD, FACS**

Medical Director of Neurotrauma  
Scripps Memorial Hospital La Jolla  
La Jolla Neurological Associates, AMC  
La Jolla, California

### **Gaye W. Cronin, OTD, OTR**

President, RehabSource, Inc.  
Director of Vestibular and  
Neuromuscular Rehabilitation Programs  
Atlanta Ear Clinic  
Atlanta, Georgia

### **Heather Scott David, PT, MPT, NCS**

Outpatient Vestibular and  
Neurological Physical Therapist  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Anne Deutsch, RN, PhD, CRRN**

Clinical Research Scientist  
Center for Rehabilitation  
Outcomes Research  
Rehabilitation Institute of Chicago  
Chicago, Illinois

### **Renee M. Dupont, MD**

Associate Professor of Clinical Psychiatry  
University of California, San Diego  
Chief, Behavioral Medicine  
Director of Psychiatric Rehabilitation  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **A. Brent Eastman, MD, FACS**

N. Paul Whittier Chair of Trauma  
Scripps Memorial Hospital La Jolla  
Chief Medical Officer &  
Corporate Senior Vice President  
Scripps Health  
San Diego, California

### **Brenda Flores, MS, RD, CPHQ**

Director, Performance  
Improvement & Accreditation  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Maria J. Fox, MS, OTR/L**

Occupational Therapist  
Scripps Neurological Outpatient Services  
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Speech and Language Pathologist  
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Speech and Language Pathologist  
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### **Jeanne Leonard, RN, BSN, CRRN**

Certified Rehabilitation Registered Nurse  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Albert C. Lo, MD, PhD**

Providence VA Medical Center  
Assistant Professor, Departments of  
Neurology, Engineering, and  
Community Health  
Brown University  
Providence, Rhode Island

### **Leonard N. Matheson, PhD**

Executive Director  
EpicRehab, LLC  
Chesterfield, Missouri

### **William W. Orrison, Jr., MD, MBA**

Neuroradiology  
Nevada Imaging Centers  
Las Vegas, Nevada

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Rehabilitation Counselor  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Arnold Purisch, PhD**

Adjunct Faculty - School of Psychology  
Fielding Graduate University  
Laguna Hills, California

### **Vilayanur S. Ramachandran, MD, PhD**

Adjunct Professor of Biology, Salk Institute  
Director, Center for Brain and Cognition  
Professor, Department of Psychology and  
Neurosciences  
University of California, San Diego  
La Jolla, California

### **Lee Anne Robotta, PT, DPT**

Outpatient Vestibular and  
Neurological Physical Therapist  
Brain Injury Day Treatment Program  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Jack D. Schim, MD**

Assistant Clinical Professor of Neurosciences  
University of California, San Diego  
Neurologist, The Neurology Center of  
Southern California  
Encinitas, California

### **Andrea C. Schwarb, LCSW**

Community Programs Coordinator  
Brain Injury Day Treatment Program  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Farrell S. Sheffield, OTR/L, HTC, CDRS**

Certified Driver Rehab Specialist  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Lance R. Stone, DO**

Attending Physiatrist  
Scripps Rehabilitation Center  
Scripps Memorial Hospital Encinitas  
Encinitas, California

### **Andrew M. Trzebiatowski, OTR/L, HEM**

Manager, Safety & Security  
Scripps Memorial Hospital Encinitas  
Encinitas, California

## Faculty Disclosure

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Employees of a commercial interest with business lines or products relating to the content of the CME activity will not participate in the planning or any accredited portion of the conference. Disclosure will be made to all participants at the conference location, prior to the educational activity commencement.

# Program

FRIDAY, MARCH 18 - SATURDAY, MARCH 19, 2011

FRIDAY, MARCH 18, 2011

- 7 a.m. Registration, Continental Breakfast & View Exhibits
- 7:30 a.m. **Welcome & Introduction**  
*June Komar*
- 7:45 a.m. **Anatomy, Etiology, Incidence, and Physiological Effects of Brain Injury**  
*Michael A. Lobatz, MD*
- 8:30 a.m. **Neurosurgical Interventions and Rehabilitation Outcomes**  
*Frank J. Coufal, MD*
- 9:15 a.m. **Advanced Neuroimaging in Traumatic Brain Injury: Therapeutic Implications**  
*William W. Orrison, Jr., MD, MBA*
- 10 a.m. Break & View Exhibits
- 10:30 a.m. **Neurophysiological Optimization Following Brain Injury**  
*Mark J. Ashley, ScD, CCC-SLP, CCM, CBIS*

11:15 a.m. **KEYNOTE**



**Brain Injury and the Mind: What Brain Damage Can Reveal About the Connection between Cerebral Tissue and the Mind**

*Vilayanur S. Ramachandran, MD, PhD*

V.S. Ramachandran is Director of the Center for Brain and Cognition and Professor with the Psychology Department and Neurosciences Program at the University of California, San Diego, and Adjunct Professor of Biology at the Salk Institute. Ramachandran initially trained as a doctor and subsequently obtained a Ph.D. from Trinity College at the University of Cambridge. Ramachandran's early work was on visual perception but he is best known for his experiments in behavioral neurology which, despite their apparent simplicity, have had a profound impact on the way we think about the brain.

Noon **Robot Assisted Therapy for Long Term Upper Limb Impairment after Stroke**  
*Albert C. Lo, MD, PhD*

12:45 p.m. Lunch

1:30 p.m. **"Hands on" Spasticity Management and Tour of Encinitas Rehabilitation Center**

*Andrew M. Blumenfeld, MD  
Michael A. Lobatz, MD  
Jack D. Schim, MD*

The Rehabilitation Center at Scripps Memorial Hospital Encinitas utilizes a dynamic and innovative rehabilitation process offered in both inpatient and outpatient settings. This workshop will consist of a tour of the rehabilitation center and the state of the art equipment used in the rehabilitation process (driver simulator, gait lab, etc.). The workshop will also include "hands on" spasticity management demonstrations using intramuscular injections with a patient simulator. The entire session will be held in Encinitas at the Scripps Rehabilitation Center. Transportation will be provided and space is limited.

1:30 p.m. **WORKSHOPS** (concurrent sessions)

**A. Management of Fatigue following Brain Injury**

*Mark J. Ashley, ScD, CCC-SLP, CCM*

**B. Community Intervention and Concussion Management: Prevention and Education**

*Rebecca C. Askew, MPT  
Heather Scott David, PT, MPT, NCS  
Timothy S. Goldberg, PT, COMT  
Angela Lehmann, MA, CCC-SLP  
Lee Anne Robotta, PT, DPT*

**C. Executive Dysfunction, TBI, and Work Relevant Functional Limitations**

*Leonard N. Matheson, PhD*

2:30 p.m. Break & View Exhibits

3 p.m. **WORKSHOPS** (repeat of earlier sessions)

4 p.m. *Transition to General Session*

4:15 p.m. **Management of Aggressive Behavior in BI Patients**

*Renee M. Dupont, MD  
Jessica Hague, MA, CCC-SLP  
Allison Justin, DPT  
Jeanne Leonard, RN, BSN, CRRN  
Andrew M. Trzebiatowski, OTR/L, HEM*

5 p.m. Adjourn

## SATURDAY, MARCH 19, 2011

- 7 a.m. Continental Breakfast & View Exhibits
- 7:30 a.m. **Welcome & Introduction**  
*A. Brent Eastman, MD*
- 7:45 a.m. **Neural Repair: Current Trends in Restorative Therapies Following Traumatic Brain Injury**  
*Lance R. Stone, DO*
- 8:30 a.m. **Distinguishing Mild TBI and Psychiatric Disorders**  
*Arnold Purisch, PhD*
- 9:15 a.m. **Racial and Ethnic Disparities in Functional, Psychosocial, and Neurobehavioral Outcomes after Traumatic Brain Injury**  
*Juan Carlos Arango-Lasprilla, PhD*
- 10 a.m. Break & View Exhibits
- 10:30 a.m. **Returning to Driving after TBI**  
*Farrell S. Sheffield, OTR/L, HTC, CDRS*
- 11:15 a.m. **Quality Measures for Rehabilitation: Challenges and Opportunities**  
*Anne Deutsch, RN, PhD, CRRN*
- Noon **Health Care Quality Panel Discussion and Q&A**  
*Mikele Bunce, MPH, PhD*  
*A. Brent Eastman, MD*  
*Brenda Flores, MS, RD, CPHQ*  
*Michael A. Lobatz, MD*  
*Diane Romito, RN, BSN, CRRN*

12:45 p.m. Lunch

1:30 p.m. **WORKSHOPS** (concurrent sessions)

**A. Vestibular Rehabilitation**  
*Gaye W. Cronin, OTD, OTR*  
*Heather Scott David, PT, MPT, NCS*

**B. Integrating Dual Task Activities into Interdisciplinary Treatment of Mild TBI and Post Concussive Syndrome**  
*Rebecca C. Askew, MPT*  
*Laura S. Coca, MA, CCC-SLP*

**C. A Discussion with Brain Injury Survivors and Their Caregivers**  
*Andrea C. Schwarb, LCSW*  
*Yolanda Ortega, MSW*

2:30 p.m. Break & View Exhibits

3 p.m. **WORKSHOPS** (repeat of earlier sessions)

4 p.m. Transition to General Session

4:15 p.m. **A Community Coming Together: The Ian McFarland Story**  
*Maria J. Fox, MS, OTR/L*

5 p.m. Final Adjournment



## The Rehabilitation Center at Scripps Memorial Hospital Encinitas

The Rehabilitation Center at Scripps Memorial Hospital Encinitas is a comprehensive rehabilitation facility in northern San Diego County, providing a full range of rehabilitation services with specialization in Neuroscience Services. It is the first facility in the area to be fully accredited in both Brain Injury and Stroke services by the Commission on Accreditation of Rehabilitation Facilities (CARF)—the gold standard for medical rehabilitation facilities—and is entrusted by the United States military with care of returning servicemen's combat-related traumatic brain injuries. In addition, Scripps Memorial Hospital Encinitas is the only hospital in San Diego County to have both JCAHO and CARF accreditation for stroke patients from the emergency department through rehabilitation.

## About Scripps

Scripps Health, a nonprofit health care system based in San Diego, California, includes more than 2,600 affiliated physicians and 12,000 employees at five acute-care hospital campuses, home health care services and a network of clinics, physician offices and outpatient centers. Scripps is committed to contributing to the future of medicine through its clinical research trials and graduate medical education programs. More information can be found at [www.scripps.org](http://www.scripps.org).

Scripps Conference Services & CME, which offers more than 40 nationally recognized annual conferences in over 15 specialty areas, is committed to providing exceptional educational courses for physicians and other health care professionals. More information and conference brochure downloads are available at [www.scripps.org/conferenceservices](http://www.scripps.org/conferenceservices).

# Conference Location & Hotel Information

## Sheraton Carlsbad Resort

5480 Grand Pacific Drive  
Carlsbad, California 92008  
Tel: 800-444-3515  
www.sheratoncarlsbad.com

The Sheraton Carlsbad Resort is a refreshing Carlsbad hotel located in the charming coastal community of Carlsbad in North San Diego. The hotel is conveniently situated between Los Angeles and San Diego and is Southern California's newest Ocean View Hotel. With beautiful Contemporary Mediterranean architecture, rolling lawns, flowering shrubs and nearby pristine beaches, the Carlsbad hotel offers a beautiful setting sure to inspire guests of every kind.

For those guests bringing family members, the Sheraton Carlsbad Resort offers access to a number of exciting things to see and do. The hotel sits alongside the Crossings at Carlsbad Golf Course, is adjacent to LEGO-LAND® California Theme Park, and is also minutes away from distinctive Shopping Boutiques and Outlet Malls.

## Rates and Reservations

We are fortunate to have obtained special low rates at the hotel starting at \$189 per night for a single or double room (plus tax and parking). This excellent rate also includes the following:

- Complimentary access to the fitness center
- Complimentary high-speed internet in guest rooms
- 50% off overnight self-parking

**Make your reservations early!** A block of rooms is being held for us at the \$189 rate until February 24, 2011. After this date, reservations will be accepted based on space availability and the special room rate will not be honored. Be sure to request the Scripps Brain Injury Rehab conference when making reservations.



# BRAIN INJURY REHABILITATION CONFERENCE

**March 18-19, 2011**  
Sheraton Resort, Carlsbad, California

Sponsored by the **Rehabilitation Center at Scripps Memorial Hospital Encinitas**

## REGISTRATION FEES

**Space is limited, so register early!**

**Included:** Course tuition, breakfasts, breaks, lunches, and syllabus

**Not Included:** Travel costs, lodging, parking, and dinners

### Main Conference

	Thru Feb 11	Feb 12 - Mar 15	After Mar 15
Health Care Professionals	\$385	\$400	\$425
Group Discount (5 or more)	\$335	\$350	\$375
Active Duty Military / Students	\$225	\$240	\$265

### Please select two workshops for each day

Friday \_\_\_ A \_\_\_ B \_\_\_ C

\_\_\_ Friday "Hands on" Spasticity Workshop and Rehab Center Tour (1:30-3:45 p.m.)

**Please note:** Participants who choose to attend this workshop will not be eligible to attend the A, B, C Friday workshops. The entire session will be held in Encinitas at the Scripps Rehabilitation Center. Transportation will be provided and space is limited.

Saturday \_\_\_ A \_\_\_ B \_\_\_ C

### Please print clearly, your badge will read as follows:

FIRST, MI, LAST NAME										DEGREE (MD, DO, PHD, RN, ETC)									
AFFILIATION/HOSPITAL/COMPANY										SPECIALTY									
MAILING ADDRESS																			
CITY/STATE/ZIP																			
PHONE										FAX									
EMAIL																			



Please indicate any special needs (including dietary restrictions): *Special requests will be considered and accommodated in full compliance with the Americans with Disabilities Act (ADA).*

Office Use Only:      Date Received      Amount      Check No. / Approval CD      Confirmation Sent      Initials

### PAYMENT METHOD

Please make **Checks** payable to Scripps (in U.S. dollars Only).  Visa  MasterCard  Amex  Discover  
If paying by credit card, please complete the information below.

CREDIT CARD NUMBER															EXPIRATION DATE				
NAME ON CARD																			
BILLING ADDRESS IF DIFFERENT FROM ABOVE																			

AUTHORIZED SIGNATURE \_\_\_\_\_

### Four Easy Ways to Register

**Online** [www.scripps.org/conferenceservices](http://www.scripps.org/conferenceservices)

**Fax** 858-652-5565

**Phone** 858-652-5400

**Mail** Scripps Conference Services & CME  
Brain Injury Rehabilitation  
11025 North Torrey Pines Rd.  
Suite 200, Maildrop: SCRC 200  
La Jolla, California 92037

### Questions

**Contact** Scripps Conference Services & CME

**Phone** 858-652-5400

**Email** [med.edu@scrippshealth.org](mailto:med.edu@scrippshealth.org)

### Attendance Policies

#### Registration Confirmation

A confirmation letter will be e-mailed or mailed to you upon receipt of the conference registration form and payment. If you have not received it within two weeks, please contact the Scripps Conference Services & CME office.

#### Attendee Cancellation, Substitution, Refund

The course tuition is refundable, minus a \$100 processing fee, if your cancellation is received in writing no later than Monday, March 14, 2011. Attendee substitutions are allowed, but notification must be made in writing by March 14, 2011. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to "no shows."

#### Guest Attendance Policy

All conference activities (including educational sessions, meal functions, exhibit hall, etc.) are exclusively reserved for conference attendees. Non-registered guests (including children, family members, colleagues, etc.) are not allowed in the conference areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

#### Scripps Conference Modification or Cancellation

Scripps reserves the right to modify the course's schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

#### Recording and Photography Clause

Scripps reserves exclusive rights to record (audio and video) and/or photograph all conference proceedings for use in marketing materials, presentations and course content sales.



Scripps Memorial  
Hospital Encinitas

Scripps Conference Services & CME  
11025 N. Torrey Pines Road  
Suite 200, Maildrop: SCRC 200  
La Jolla, California 92037

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**March 18-19, 2011**

Sponsored by the  
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# JOIN US!



Scripps Memorial  
Hospital Encinitas

# 6th Annual BRAIN INJURY REHABILITATION CONFERENCE

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**Sheraton Resort - Carlsbad, California • March 18-19, 2011**