Course Description

Brain injury patients will be treated by a variety of health care professionals (physicians, nurses, therapists, etc.) from the time of initial trauma and throughout the rehabilitation process. While comprehensive, multidisciplinary rehabilitation treatment provided by a diverse team of experienced professionals has proven effective in treating brain injury patients, coordination between the various health care providers is often not as integrated as necessary. Team members may not fully understand each other’s role in the rehabilitation process, causing communication breakdowns. More than ever, there is a need to share current research, outcomes, and perspectives across medical specialties to continue the quest for quality brain injury treatment and rehabilitation.

The 5th 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 from nationally recognized rehabilitation centers will present the latest in research and outcomes from a variety of medical perspectives. Topics will focus on interventions and management for medical and physical rehabilitation, as well as cognitive, emotional, and social challenges common to brain injury. In addition, a keynote presentation by Lee Woodruff, wife of combat-injured journalist Bob Woodruff, will offer insight into the effects of brain injury and the rehabilitation process on family and social dynamics.

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 neurophysiological mechanisms involved in brain plasticity and their potential application to improving practice and service provision across rehabilitation disciplines.
• Employ treatment strategies for brain injury from trauma intervention, acute medical and nursing management, through rehabilitation and postacute recovery.
• Integrate new developments in science and medicine into practice for brain injury rehabilitation.
• Evaluate obstacles and implement strategies for changing rehabilitation practice across the multidisciplinary team.
• Improve team communication through increased understanding of roles and perspectives of the interdisciplinary team members.
• 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

Physicians

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

Scripps Health designates this educational activity for a maximum number of 13.25 AMA PRA Category 1 Credit(s)™. 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)

This course is offered for up to 1.3 ASHA CEUs (Intermediate level; Professional Area).

Board of Registered Nursing

Provider approved by the California Board of Registered Nursing, Provider Number CEP16030 for 15.9 contact hours. Contact hours will be provided by Scripps Health. Contact hours for one-day registration available.

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.

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**  
Assistant Clinical Professor, Neurology  
University of California, San Diego  
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**

**Nicole Andreatta, PsyD**  
Regional Program Director  
Learning Services  
Escondido, California

**Kimberly Bell, PT, DPT, MPT**  
Herdman Vestibular Certified  
Safe Strides Director  
Gentiva Home Health  
San Diego, California

**Laura S. Coca, MA, CCC-SLP**  
Speech and Language Pathologist  
Brain Injury Day Treatment Program  
Scripps Memorial Hospital Encinitas  
Encinitas, California

**Frank J. Coufal, MD, FACS**  
Diplomat, American Board of Neurological Surgery  
Medical Director of Neurotrauma  
Scripps Memorial Hospital La Jolla  
La Jolla Neurological Associates, AMC  
La Jolla, California

**Heather Scott David, PT, MPT, NCS**  
Physical Therapist  
Balance and Vestibular Rehabilitation Program  
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

**Jeffrey Englander, MD**  
Chair, Physical Medicine and Rehabilitation  
Santa Clara Valley Medical Center  
San Jose, California

**Felipe Fregni, MD, PhD**  
Assistant Professor of Neurology  
Harvard Medical School  
Director, Laboratory of Neuromodulation  
Spaulding Rehabilitation Hospital  
Boston, Massachusetts

**Arlene T. Kaprisin, PhD**  
Chief, Audiology/Speech Pathology Service  
VA Palo Alto Healthcare System  
Palo Alto, California

**Karen E. Love, OD, FCOVD**  
Optometrist  
Drs. Daniel & Davis Optometry  
Carlsbad, California

**Jessica J. Martinez, OTR/L, HTC, PAM**  
Lead Therapist  
Brain Injury Day Treatment Program  
Scripps Memorial Hospital Encinitas  
Encinitas, California

**Leonard N. Matheson, PhD**  
Executive Director, EpicRehab, LLC  
Licensed Psychologist  
Certified Vocational Evaluator  
Certified Rehabilitation Counselor  
EpicRehab  
St. Charles, Missouri

**Mark McDonough, PhD**  
Adult and Pediatric Neuropsychologist  
Scripps Memorial Hospital Encinitas  
Encinitas, California

**Ian M. Purcell, MD, PhD**  
Neurologist  
The Center for Neurologic Study  
San Diego, California

**Melissa Sendroy Terrill, MA**  
Research Associate, Project Coordinator  
Craig Rehabilitation Model Center  
Englewood, Colorado

**Mary Ellen Stoykov, PhD, OTR/L**  
Sensory Motor Performance Program  
Rehabilitation Institute of Chicago  
Chicago, Illinois

**Margie Whittaker, RN, MSN, CCRN, CNRN**  
ICU Clinical Manager  
Mission Hospital  
St. Joseph’s Health System  
Mission Viejo, California

**Lee Woodruff**  
Author & Keynote Speaker  
Westchester, New York
## FRIDAY, MARCH 26, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8 a.m.</td>
<td>Welcome and Educational Overview&lt;br&gt;Michael A. Lobatz, MD</td>
</tr>
<tr>
<td>8:15 a.m.</td>
<td>Anatomy, Etiology, Incidence, and Physiological Effects of Brain Injury&lt;br&gt;Michael A. Lobatz, MD</td>
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<tr>
<td>9 a.m.</td>
<td>Brain Injury: Trauma Intervention and Acute Medical Management in the ED and ICU&lt;br&gt;Frank J. Coufal, MD</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>ICU Neurological Protocols: Improving Brain Injury Outcomes&lt;br&gt;Margie Whittaker, RN, MSN, CCRN, CNRN</td>
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<tr>
<td>10:30 a.m.</td>
<td>Break</td>
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<tr>
<td>10:45 a.m.</td>
<td>Mild Traumatic Brain Injury: Developing Awareness of Serial Concussive Events&lt;br&gt;Mark McDonough, PhD</td>
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<tr>
<td>11:30 a.m.</td>
<td>Panel Discussion / Q&amp;A</td>
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<tr>
<td>Noon</td>
<td>Lunch Service &amp; Resource Fair</td>
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<tr>
<td>1:30 p.m.</td>
<td>Brain Injury Model Center: Research Update, Lessons Learned&lt;br&gt;Jeffrey Englander, MD</td>
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<tr>
<td>2:15 p.m.</td>
<td>Racial and Ethnic Differences in Rehabilitation Outcomes for Medicare Patients with Stroke and Brain Injury&lt;br&gt;Anne Deutsch, RN, PhD, CRRN</td>
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<tr>
<td>3 p.m.</td>
<td>Break</td>
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<tr>
<td>3:15 p.m.</td>
<td>Communication Syndromes in Mild Brain Injury&lt;br&gt;Arlene T. Kasprisin, PhD</td>
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<tr>
<td>4:30 p.m.</td>
<td>Adjourn</td>
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## SATURDAY, MARCH 27, 2010

<table>
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<tr>
<td>7:30 a.m.</td>
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<tr>
<td>8 a.m.</td>
<td>Welcome&lt;br&gt;Chris Van Gorder, FACHE</td>
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<tr>
<td>8:15 a.m.</td>
<td>KEYNOTE&lt;br&gt;In an Instant&lt;br&gt;Lee Woodruff&lt;br&gt;As co-author of the best-selling <em>In an Instant</em>, Lee Woodruff garnered critical acclaim for the compelling and humorous chronicle of her family's journey to recovery following her husband’s, journalist Bob Woodruff, roadside bomb injury in Iraq. Through her story, understand the effects of brain injury and the rehabilitation process on family and social dynamics.</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Effect of Brain Injury on Families: Addressing the Needs 3-5 Years Post Injury&lt;br&gt;Nicole Andreatta, PsyD</td>
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<tr>
<td>10 a.m.</td>
<td>Sexuality after Brain Injury&lt;br&gt;Melissa Sendroy Terrill, MA</td>
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<tr>
<td>10:45 a.m.</td>
<td>Break</td>
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<tr>
<td>11 a.m.</td>
<td>Constructive Failure to Assure Rehabilitation Success&lt;br&gt;Leonard N. Matheson, PhD</td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td>Brain Plasticity: Enhancing Rehabilitation through Neuroimaging and Non-invasive Brain Stimulation&lt;br&gt;Felipe Fregni, MD, PhD</td>
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<tr>
<td>12:30 p.m.</td>
<td>Lunch</td>
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</table>
SATURDAY, MARCH 27, 2010

1:30 p.m. **WORKSHOPS** (sessions do not repeat)

A. Diagnostics for Vestibular Impairments: Posturography, Electronystagmography and Rotary Chair
   Ian M. Purcell, MD, PhD

B. Impact and Assessment of Visual Deficits in Brain Injury
   Karen E. Love, OD

C. Bilateral Training for Upper Extremity Hemiparesis: Research, Rationale, and Treatment Techniques
   Mary Ellen Stoykov, PhD, OTR/L

D. Worksite Evaluation
   Jessica J. Martinez, OTR/L, HTC, PAM and Laura S. Coca, MA, CCC-SLP

3 p.m. Break

3:15 p.m. **WORKSHOPS** (sessions do not repeat)

E. Intervention for Vision Deficits in Brain Injury
   Karen E. Love, OD

F. Neurobehavioral Rehabilitation Strategies for High-Functioning Clients
   Leonard N. Matheson, PhD

G. Physical Therapy Assessment and Treatment of Vestibulo-ocular Abnormalities
   Heather Scott David, PT, MPT, NCS

H. Community Based Fall Prevention Program
   Kimberly Bell, PT, DPT, MPT

4:45 p.m. Final Adjournment

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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.

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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.

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.
Refund, Substitution and Cancellation Policy

The course tuition is refundable, minus a $100 processing fee, if your cancellation is received in writing no later than Friday, March 19, 2010. Attendee substitutions are allowed, but notification must be made in writing by Friday, March 19, 2010. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to “no shows.”

Scripps reserves the right to cancel this conference, in which case a full refund of your registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.
## Registration Information

**To Register securely online**
Visit [www.scripps.org/conferenceservices](http://www.scripps.org/conferenceservices)

**To Register and pay by check,**
make your check payable to Scripps and mail both to the address below.

**To Register and pay by credit card,**
complete the conference registration form & credit card information and mail or fax to:

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

**Phone:** 858-652-5400

**Fax:** 858-652-5565

**Email:** med.edu@scrippshealth.org

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### Before Feb. 26  |  Feb. 26-Mar. 23 |  After Mar. 23
---|---|---
Health Care Professionals | $385 | $400 | $425
Active Duty Military/Student | $200 | $215 | $240
Group Discount (5 or more) | $335 | $350 | $375

**Please note:** Pre-registration will be accepted through Tuesday, March 23, 2010. After this date, registrations will only be accepted on-site and will incur an additional $25 fee.

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### SATURDAY WORKSHOPS:

**PLEASE CIRCLE ONE AT EACH TIME**

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### Registration Information

**FIRST NAME, MIDDLE INITIAL, LAST NAME**

**DEGREE (MD, DO, ETC)**

**SPECIALTY**

**HOSPITAL/AFFILIATION**

**STREET ADDRESS**

**CITY/STATE/PROVINCE/POSTAL CODE**

**OFFICE TELEPHONE**

**FAX**

**EMAIL**

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Please indicate any special needs (including dietary restrictions):

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**PAYMENT METHOD**

**If paying by credit card,** please fill out the information below.

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**AUTHORIZED SIGNATURE**

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**BILLING ADDRESS IF DIFFERENT FROM ABOVE**
5th Annual
BRAND INJURY REHABILITATION CONFERENCE

March 26-27, 2010
Sponsored by the Rehabilitation Center at Scripps Memorial Hospital Encinitas

In an Instant • Saturday, March 27, 2010 at 8:15 a.m.
Lee Woodruff

As co-author of the best-selling In an Instant, Lee Woodruff garnered critical acclaim for the compelling and humorous chronicle of her family’s journey to recovery following her husband’s, journalist Bob Woodruff, roadside bomb injury in Iraq. Through her story, understand the effects of brain injury and the rehabilitation process on family and social dynamics.