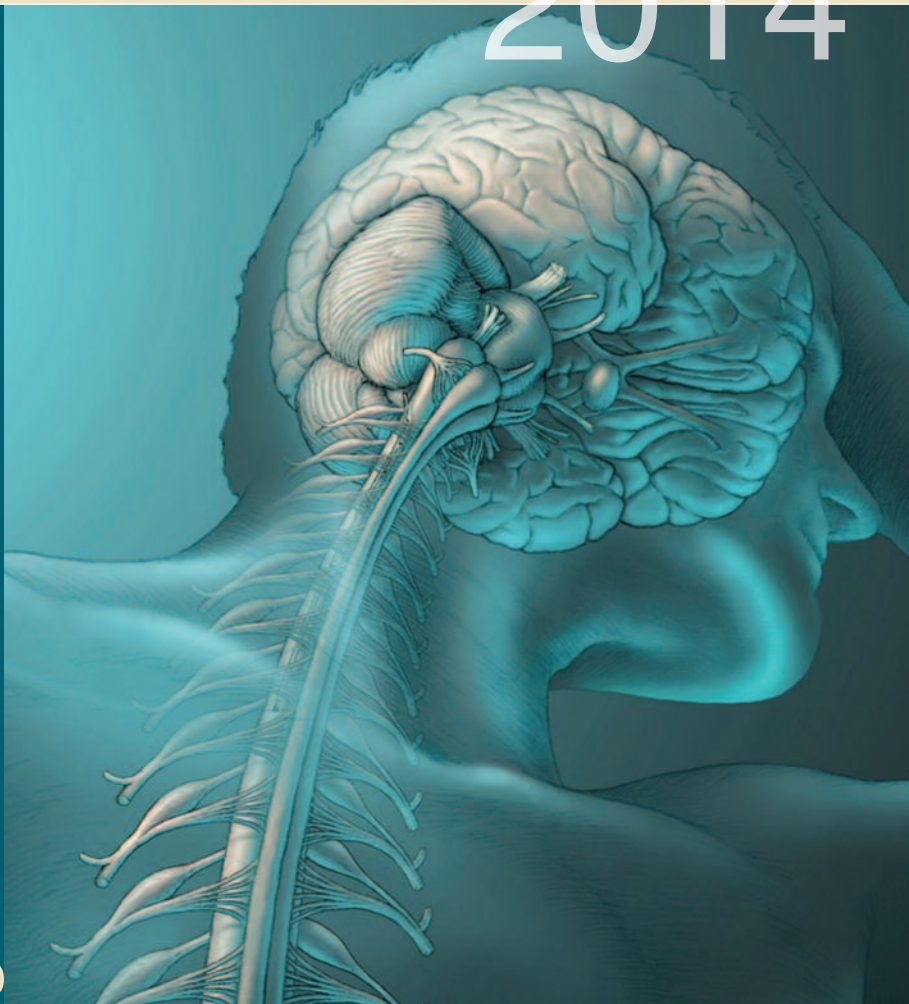


NEUROSURGERY UPDATE 2014

THURSDAY - SATURDAY
August 7-9, 2014



Immediately followed by:
International Meeting of Meningiomas and the Cerebral Nervous System
August 10-12, 2014

Silverado Resort
Napa, CA

COURSE CHAIRS

Mitchel S. Berger, MD
Professor and Chairman,
Department of Neurological Surgery;
Kathleen M. Plant Distinguished Professor

Dean Chou, MD
Associate Professor of Neurosurgery,
Associate Director, The UCSF Spine Center

NEUROSURGERY UPDATE 2014

Silverado Resort
Napa, CA

August 7 - 9, 2014

The Department of Neurosurgery at the University of California San Francisco, invites you to attend its annual Neurosurgery Update course. The course will be held at the Silverado Resort in Napa, California August 7 - 9, 2014. The program endeavors to provide the latest updates and recent advances in the field of neurosurgery. Neurosurgeons, neurosurgery residents, nurse practitioners, physician's assistants, and other allied health professionals can benefit from this program in the treatment of neurosurgical problems. Now in its eighth year, it will cover the entire spectrum of neurosurgical topics.

OBJECTIVES An attendee completing this course should be able to:

- Evaluate the latest surgical techniques in the management of neurosurgical problems;
- Appraise the recent data with regard to clinical trials in the management of brain tumors;
- Apply multidisciplinary aspects in the treatment of brain tumors;
- Predict the role for complex spinal neurosurgery, its indications, and risks;
- Apply the latest in the management of peripheral nerve disorders;
- Illustrate the latest in the management of pediatric disorders;
- Examine the latest in functional neurosurgery, epilepsy, and pain;
- Incorporate the latest updates in the management of pituitary and endocrine disorders;
- Practice the latest treatment for spinal disorders;
- Determine the nuances cerebrovascular neurosurgery.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of **13.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Pain Management and Care for the Terminally Ill

The approved credits shown above include **2.25 AMA PRA Category 1 Credits™** towards meeting the requirement under California Assembly Bill 487, Pain Management and Care for the Terminally Ill.

Trauma:

The approved credits shown above include **1.25** credits toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma-related continuing medical education.

Nurses

For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit™* issued by organizations accredited by the ACCME.

Physician Assistants

AAPA accepts *AMA PRA Category 1 Credit™* from AOACCME, Prescribed credit from AAFP, and AMA Category 1 Credit for the PRA for organizations accredited by the ACCME.

NEUROSURGERY UPDATE 2014

August 7-9, 2014

THURSDAY, AUGUST 7, 2014

12:00 - 1:00 pm *Registration*

SPINE, PAIN, TRAUMA, PEDIATRIC

1:00 - 1:10 pm		Welcome and Overview	Mitchel S. Berger
1:10 - 1:30 pm	P	An Algorithm to Guide MIS vs. Open Osteotomies for Spinal Deformity	Praveen Mummaneni
1:30 - 1:50 pm	P	When Degenerative Spinal Conditions Become Adult Deformity Problems: Can We Stop the Progression?	Dean Chou
1:50 - 2:20 pm	P	Odontoid Fractures	Vincent C. Traynelis
2:20 - 2:40 pm	T	Update on Cervical Spine Trauma Guidelines	Sanjay Dhall
2:40 - 3:10 pm	P	Cervical Arthroplasty	Vincent C. Traynelis
3:10 - 3:30 pm		<i>Coffee Break</i>	
3:30 - 3:50 pm	P	Updates from the Front Lines of Adult Deformity Research	Christopher P. Ames
3:50 - 4:10 pm	P	Perioperative Pain Management of the Chronic Pain Patient Presenting for Spine Surgery	Mario Depinto
4:10 - 4:30 pm	T	Management of Neurotrauma	Geoffrey Manley
4:30 - 5:00 pm	T	Concussion: A Perfect Storm for Education and Advocacy	Richard G. Ellenbogen
5:00 - 5:20 pm		Intramedullary Spinal Cord Tumors in Children	Nalin Gupta
5:20 - 5:40 pm		The Natural History and Management of Subependymal Giant Cell Astrocytomas in Children	Kurtis Augustine
5:40 - 6:00 pm		Updates from the American Board of Neurological Surgery: Maintenance of Certification	Mary Louise Spencer
6:00 - 7:00 pm		<i>Wine Tasting in Exhibit Area</i>	
7:00 pm - 9:00 pm		<i>BBQ Dinner</i>	

program

FRIDAY, AUGUST 8, 2014

7:30 - 8:00 am *Continental Breakfast*

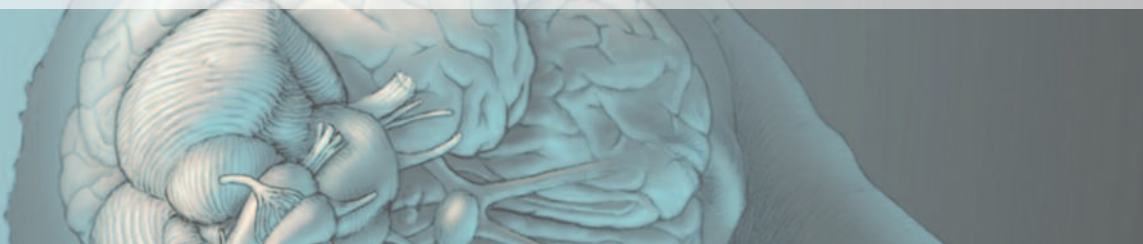
FUNCTIONAL, RADIOSURGERY, TUMORS

8:00 - 8:20 am		The Nonmotor Features of Parkinson's Disease: Last Frontier in Symptomatic Treatment	Philip A. Starr
8:20 - 8:40 am		Deep Brain Stimulation for Tinnitus: An Update	Paul S. Larson
8:40 - 9:10 am		Strategies for Intracranial Electrode Studies	Dennis Dee Spencer
9:10 - 9:40 am		Applications of Functional Radiosurgery	Douglas S. Kondziolka
9:40 - 10:10 am		Pineal Region Tumors: State of the Art, Past and Present	Richard G. Ellenbogen
10:10 - 10:30 am		<i>Coffee Break</i>	
10:30 - 11:00 am		Endoscopic Endonasal Transtuberulum, Transplanum Approach for Suprasellar Tumors	Theodore H. Schwartz
11:00 - 11:20 am		Hyponatremia	Lewis S. Blevins, Jr.
11:20 - 11:50 am		Sellar and Parasellar Tumor Radiosurgery	Douglas S. Kondziolka
11:50 - 12:10 pm		Patterns in Pituitary Pathology, Implications for Treatment	Sandeep Kunwar
12:10 - 12:30 pm		Functional Outcomes after Pituitary Tumor Surgery	Manish K. Aghi
6:30 pm		<i>Winery Dinner (optional event with additional fee) (bus will pick-up at approximately 6:00pm)</i>	

Immediately followed by:

International Meeting of Meningiomas and the Cerebral Nervous System

August 10-12, 2014 • Silverado Resort – Napa, CA



SATURDAY, AUGUST 9, 2014

7:30 - 8:00 am *Continental Breakfast*

VASCULAR, EPILEPSY, TUMORS

8:00 - 8:30 am	Cerebrovascular Neurosurgery 1	Juha Hernesniemi
8:30 - 8:50 am	Management of Brainstem Cavernous Malformations	Michael T. Lawton
8:50 - 9:20 am	Cerebrovascular Neurosurgery 2	Juha Hernesniemi
9:20 - 9:40 am	Minimally-invasive Approaches to Epilepsy Surgery	Edward Chang
9:40 - 10:10 am	Surgical Approaches for Temporal Lobe Epilepsy	Dennis Dee Spencer
10:10 - 10:30 am	<i>Coffee Break</i>	
10:30 - 11:00 am	Endoscopic Endonasal Transclival Approach to the Posterior Fossa and Petrous Apex	Theodore H. Schwartz
11:00 - 11:20 am	Contemporary Management of Acoustic Neuromas: Functional Preservation	Philip Theodosopoulos
11:20 - 11:40 am	Clinical Trials Update in Neuro-Oncology	Susan Chang
11:40 - 12:00 pm	Indications and Results for Brachytherapy in Adult Tumor Surgery	Michael W. McDermott
12:00 - 12:20 pm	The Nuances of Awake Craniotomy for Glioma Resections	Mitchel S. Berger
12:20 - 12:30 pm	<i>Questions and Answers / Closing Remarks</i>	

P – Pain Credit T – Pain Credit

COURSE CO-CHAIRS

Mitchel S. Berger, MD
Professor and Chairman,
Department of Neurological Surgery;
Kathleen M. Plant Distinguished
Professor

Dean Chou, MD
Associate Professor of Neurosurgery,
Associate Director, The UCSF Spine
Center

SPECIAL GUEST FACULTY

Richard G. Ellenbogen, MD, FACS
Professor and Chairman,
Department of Neurological Surgery,
University of Washington,
Seattle, WA

Juha Hernesniemi, MD, PhD
Professor and Chairman,
Neurosurgery Department,
University of Helsinki,
Helsinki, Finland

Douglas S. Kondziolka, MD, MSc
Professor and Vice Chair,
Department of Neurosurgery,
NYU Langone Medical Center,
New York, NY

Theodore H. Schwartz, MD
Professor of Neurological Surgery,
Weill Cornell Medical College,
New York, NY

Dennis Dee Spencer, MD
Harvey and Kate Cushing Professor of
Neurosurgery;
Chair, Department of Neurosurgery,
Yale School of Medicine,
New Haven, CT

Vincent C. Traynelis, MD
Professor and Vice Chairperson,
Department of Neurosurgery,
Rush University Medical Center,
Chicago, IL

COURSE FACULTY

(University of California,
San Francisco unless indicated)

Manish K. Aghi, MD, PhD
Associate Professor of Neurological
Surgery

Christopher P. Ames, MD
Associate Professor of Neurological
Surgery; Co-director, Spinal Surgery
and UCSF Spine Center; Co-director,
Neurospinal Disorders Program;
Director of Spinal Tumor and
Deformity Surgery

Kurtis Auguste, MD
Assistant Professor of Neurological
Surgery

Lewis S. Blevins, Jr. MD
Professor of Medicine and
Neurological Surgery; Medical
Director, California Center for
Pituitary Disorders at UCSF

Edward F. Chang, MD
Assistant Professor of Neurological
Surgery and Physiology; Co-Director,
Center for Neural Engineering at
UC Berkeley and UCSF

Susan Chang, MD
Professor and Vice Chair of
Neurological Surgery; Lai Wan Kan
Endowed Chair; Director, Division of
Neuro-Oncology; Neuro-Oncology
Program of the Brain Tumor
Research Center

Mario DePinto, MD
Associate Professor of Anesthesia
and Perioperative Care

Sanjay Dhall, MD
Associate Professor of
Neurological Surgery;
Director, Spinal Neurotrauma
Program, San Francisco General
Hospital.

Nalin Gupta, MD, PhD
Associate Professor of Neurological
Surgery and Pediatrics;
Dennis Bruce Dettmer Endowed
Chair in Pediatric Neurosurgery;
Chief, Division of Pediatric
Neurosurgery; Principal Investigator,
Brain Tumor Research Center

COURSE FACULTY (CONTD)

Sandeep Kunwar, MD
Associate Professor of Neurological
Surgery; Surgical Director,
California Center for
Pituitary Disorders at UCSF

Paul S. Larson, MD
Associate Professor and Vice Chair
of Neurological Surgery; Chief of
Neurosurgery, San Francisco VA
Medical Center

Michael T. Lawton, MD
Professor and Vice Chair of
Neurological Surgery;
Tong Po Kan Endowed Chair; Chief,
Cerebrovascular and Skull Base
Surgery Programs; Director,
Cerebrovascular Disorders Program

Geoffrey Manley, MD, PhD
Professor and Vice Chair of
Neurological Surgery; Co-Director,
Brain and Spinal Injury Center; Chief
of Neurosurgery, San Francisco
General Hospital and Medical Center

Michael W. McDermott, MD
Professor of Neurological Surgery;
Halperin Endowed Chair;
Vice Chair of Neurological Surgery;
Neurosurgical Director, UCSF
Gamma Knife® Radiosurgery
Program

Praveen Mummaneni, MD
Professor and Vice Chair of
Neurological Surgery; Director,
Minimally Invasive Spine Surgery;
Director of Cervical Spine Surgery;
Co-Director, UCSF Spine Center

Philip A. Starr, MD, PhD
Professor of Neurological Surgery;
Dolores Cabebread Endowed Chair;
Director, Functional Neurosurgery
Program

Mary Louise Spencer
Executive Director, American
Board of Neurological Surgery,
Woodbridge, CT

Philip Theodosopoulos, MD
Professor and Vice Chair of
Neurological Surgery;
Director, Skull Base Surgery

9th Annual Spine Symposium

May 30 - 31, 2014
Marriott Union Square – San Francisco, CA

Spinal Surgery Bioskills Lab: Techniques and Advances

November 7 - 8, 2014
MERIN – Henderson, NV
vData Hotel – Las Vegas, NV



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You may also reach
us by calling the
Office of CME at
(415) 476-4251 or
emailing
info@ocme.ucsf.edu.

GENERAL INFORMATION

Pre-registration is preferred to ensure that registrants receive a syllabus at the course. Generally we are able to accommodate on-site registration at the course. Pre-registration closes one business day prior to the course.

HOW TO ENROLL

Tuition*: **\$400** Practicing Physicians
\$300 Nurses/ Pharmacists/Allied Health
Professionals/ Residents/Fellows

* On-site registration will be \$50 additional.

Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:

Online: www.cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368

Fax: Fax completed registration form to:
(415) 502-1795 (be sure to include your credit card number)

Phone: To register by phone or to inquire about registration status, please call the UCSF CME Registration Office at (415) 476-5808.

Please check our website for up-to-date information on the course: www.cme.ucsf.edu.

REFUND POLICY Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION

Silverado Resort and Spa is your gateway to the enchanting allures of Napa Valley. Tucked into the rolling hills of California's world-famous Wine Country, the resort combines state-of-the-art business facilities with endless recreational possibilities.

A block of guestrooms has been reserved at the special UCSF conference rate of **\$229/night**. You are urged to make your reservations early. The cut off date is **July 11, 2014**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations, please call 800-532-0500 and identify yourself as a member of this UCSF conference to receive the special rate.

You can also reserve your hotel rooms on-line by visiting the course webpage on our website at www.cme.ucsf.edu. Please click on the More Info tab next to the course listing in the CME Calendar and you'll find the reservations link in the Travel & Lodging section.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to identification number # 03BW0133, or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION

UCSF has negotiated special fares with American and United Airlines for our course attendees. You may use the following tour codes to book on your own:

American – www.aa.com code: 9684BN

United – www.united.com Offer Code: ZQPP914327

general info

NEUROSURGERY 2014 IN THE WINE COUNTRY

MNS15001

August 7 - 9, 2014

Silverado Resort • Napa, California

Mail to : UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Online registration: www.cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Mr. ☐ Mrs. ☐ Ms.

Last Name First M.I.

Degree Specialty

Address

City State Zip

Daytime Phone Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: ____ / ____ / **XX**
Month Day

Please indicate if you have any special needs: _____

Registration Fees (Receipt/confirmation will be mailed within two to four weeks):

- ☐ **\$400** Physicians
☐ **\$300** Nurses/Pharmacist/Allied Health Professionals /Residents/Fellows

* On-site registration will be \$50 additional.

BBQ Dinner – Thursday 8/7/14

Please confirm below so we may plan for the appropriate number of people

☐ I will attend Thursday BBQ (included in tuition) ☐ I will not attend

of adult guests @ \$100 each _____ # of children under 12 @ \$50 each _____

Winery Dinner – Friday 8/8/14

Please confirm below so we may plan for the appropriate number of people

☐ I will attend the Friday Winery Dinner @ \$125.00 ☐ I will not attend

of adults @ \$125 each _____ (limited to one adult guest/no one under 21 permitted)

Make checks payable to *UC Regents*

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx for \$ _____

Card # _____ Expiration date _____

Name on Card (Please Print) _____ Authorized Signature _____

Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

Silverado Resort

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