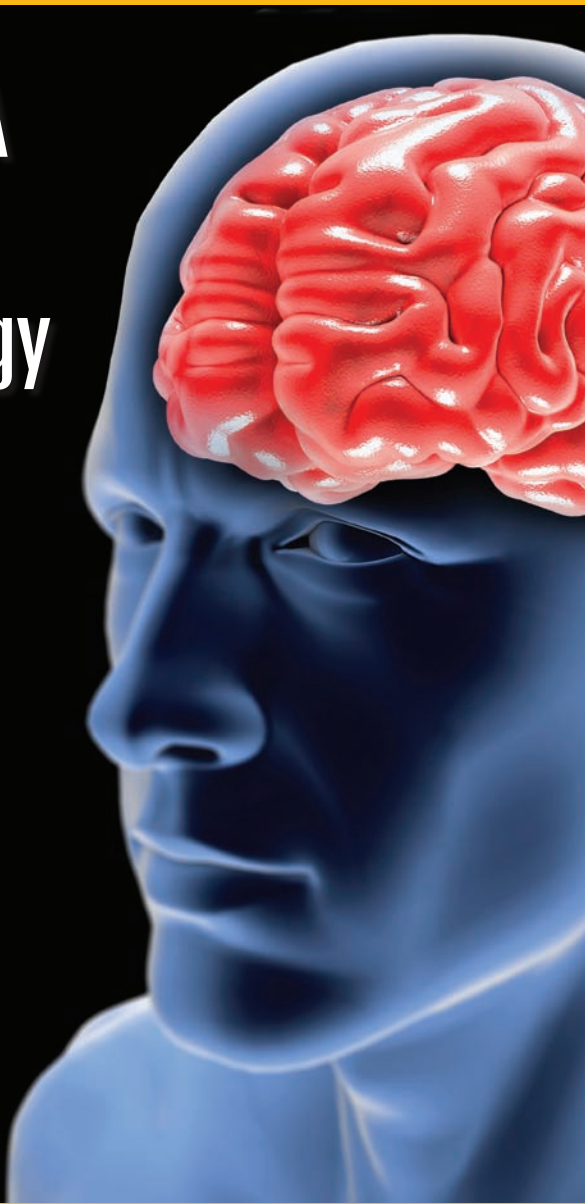
David Geffen
School of Medicine

3rd Annual UCLA State-of-the-Art in Neuro-Oncology



February 10, 2018
Tamkin Auditorium
Ronald Reagan UCLA Medical Center
Los Angeles, California

OFFICE OF CONTINUING MEDICAL EDUCATION
DAVID GEFFEN SCHOOL OF MEDICINE at UCLA

Course Description

The Brain Tumor Center at the David Geffen School of Medicine at UCLA presents its third annual comprehensive update on emergent diagnostic and treatment modalities for the management of brain and spine tumors. This course will focus on the diagnosis and multi-disciplinary management of patients with primary and metastatic brain and spine tumors, and will feature faculty experts from neurosurgery, neuro-oncology, radiation oncology, medical oncology, pain management, neuroradiology, and neuropathology. The program will provide sessions on the latest advances in diagnosis and treatment of brain and spine tumors, including a review of the current state-of-the-art management of these tumors. Each tumor-specific didactic session will then be followed by case-based presentations demonstrating the multidisciplinary approach of a brain tumor board to personalize care for patients with brain and spine tumors. In addition, we will explore new and emerging techniques for cranial metastases including novel-imaging, MR-guided laser ablation, neo-adjuvant radiation, and emerging chemotherapeutic strategies for metastatic brain tumors. Finally, we will explore multimodal management of spinal metastasis including novel radiation approaches, surgery, and pain management. This format is intended to encour-age and ensure audience participation.

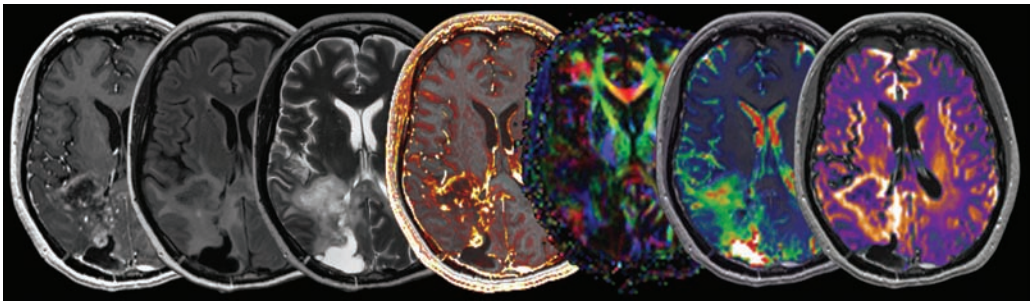
Course Objectives

At the conclusion of this course, participants should be better able to:

- Recommend the most recent diagnostic, surgical, and pathological advances in the evaluation of patients with brain and spine tumors
- Understand standard and emerging treatments for patients with primary and metastatic brain and spine tumors and the molecular basis of these treatments
- Manage symptoms and complications in patients with brain tumors
- Describe multimodal management of spinal metastases including surgery, radiation, and pain management

Target Audience

This course is targeted towards neurosurgeons, medical oncologists, radiation oncologists, neurologists, allied health professionals, and neurosurgery, neurology and oncology resi-dents and fellows.



David Geffen School of Medicine at UCLA Faculty

COURSE DIRECTORS

P. Leia Nghiemphu, MD
Associate Professor of Clinical Neurology
Department of Neurology

Won Kim, MD
Assistant Clinical Professor
Department of Neurosurgery

COURSE FACULTY

Nzhde Agazaryan, PhD, DABR
Professor of Radiation Oncology
Professor of Physics and Biology in Medicine
Chief, Clinical Medical Physics and Dosimtery
Quality and Safety Officer, Faculty Practice Group
Department. of Radiation Oncology

Marvin Bergsneider, MD
Professor
Department of Neurosurgery
Co-Director, UCLA Benign Skullbase & Pituitary Tumor Program
UCLA Neurosurgery Residency Program Director

Timothy Cloughesy, MD
Director, UCLA Neuro-Oncology Program
Co-Director, UCLA Brain Tumor Center
Professor of Clinical Neurology
Department of Neurology

Tom Belle Davidson, MD
Director, UCLA Pediatric Neuro-Oncology and Neural Tumors Center
Assistant Professor, Department of Pediatric Hematology- Oncology
UCLA Mattel Children's Hospital

Amar U. Kishan, MD
Assistant Professor
Department of Radiation Oncology

Albert Lai, MD, PhD
Associate Professor-In-Residence
Department of Neurology
UCLA Neuro-Oncology Program

Linda M. Liau, MD, PhD, MBA
Professor and Chair
Department of Neurosurgery
Co-Director, UCLA Brain Tumor Center

Daniel C. Lu, MD, PhD
Associate Professor
UCLA Department of Neurosurgery
UCLA Comprehensive Spine Center

Luke Macyszyn, MD, MA
Assistant Professor of Neurosurgery and Orthopedics
UCLA Comprehensive Spine Center

Nader Pouratian, MD, PhD
Neurosurgical Director of Radiosurgery
Associate Professor of Neurosurgery and Radiation Oncology

Ke Sheng, PhD
Professor in Residence
Department of Radiation Oncology

Anthony C. Wang, MD
Assistant Professor
Department of Neurosurgery

Irene Wu, MD
Assistant Director
UCLA Comprehensive Pain Center
Assistant Clinical Professor
Department of Anesthesiology

William H. Yong, MD
Chief of Neuropathology
Director, Brain Tumor Translational Resource
Director, Neuropathology Fellowship
Professor of Pathology and Laboratory Medicine
Division of Neuropathology
Department of Pathology and Laboratory Medicine

Program

Saturday, February 10, 2018

7:30 **Breakfast and Registration**

INTRODUCTION

8:05 **Welcome**
Phioanh Leia Nghiemphu, MD and Won Kim, MD

GLIOMAS

8:10 **Advanced Surgical Management of Gliomas**
Linda Liau, MD, PhD, MBA

8:40 **WHO 2016 Diagnostic Criteria of Primary Brain and CNS Tumors**
William H. Yong, MD

9:00 **Updates and Experimental Treatments for Glioblastoma**
Timothy Cloughesy, MD

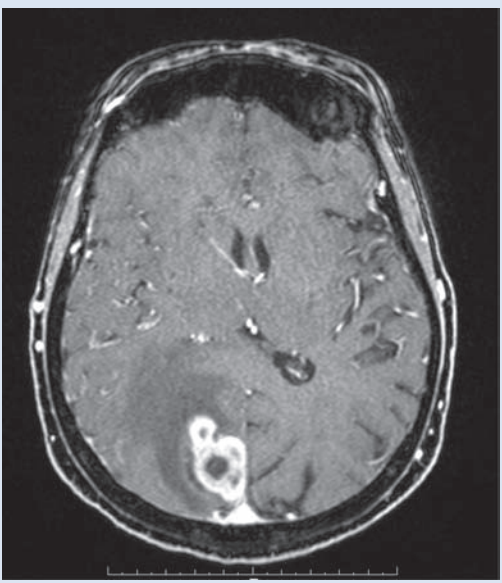
9:50 **Updates and Experimental Treatments for Low Grade Gliomas**
Albert Lai, MD, PhD

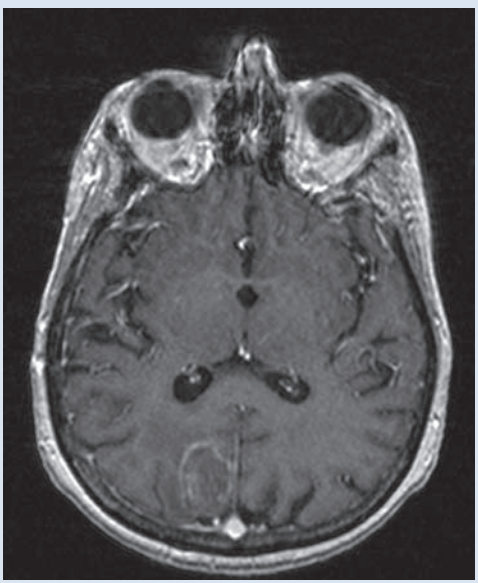
10:30 **Break**

MENINGIOMAS

10:40 **Updates on Meningiomas**
Phioanh Leia Nghiemphu, MD

11:00 **Advanced Surgical Management of Meningiomas**
Marvin Bergsneider, MD





PEDIATRIC BRAIN TUMORS

11:20 **Updates on Pediatric Brain Tumors**
Tom Belle Davidson, MD

11:40 **Advanced Surgical Managements of Pediatric Brain Tumors**
Anthony C. Wang, MD

12:00 **Lunch**

PAIN MANAGEMENT IN NEUROONCOLOGY

1:10 **Pain Management for CNS Tumors**
Irene Wu, MD

1:30 **Neurosurgical Interventions for Pain**
Nader Pouratian, MD, PhD

SPINAL TUMORS

1:50 **Intrinsic Spinal Cord Tumors: Maximizing Resection and Outcomes**
Daniel C. Lu, MD, PhD

2:10 **Spinal Metastatic Disease: Surgical Indications**
Luke Macyszyn, MD, MA

2:30 **Spinal Radiosurgery: Advantages, Techniques, and Outcomes**
Amar U. Kishan, MD

3:00 **Break**

ADVANCED TECHNIQUES FOR TREATING BRAIN TUMORS

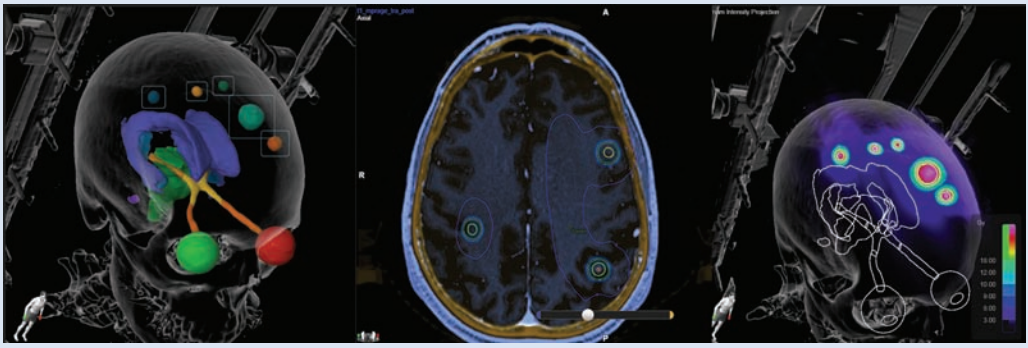
3:20 **MultiMet: Simultaneous Radiosurgery for Multiple Brain Metastases**
Nzhde Agazaryan, PhD, DABR

3:40 **MR-Guided Laser Ablation: The UCLA Experience**
Nader Pouratian, MD, PhD

4:00 **BrainPort: Minimally Invasive Access to Brain Tumors**
Won Kim, MD

4:20 **4∏ Radiation: The New Frontier in Advanced Radiation Planning**
Ke Sheng, PhD

4:40 **Adjourn**



General Information

Registration Fee

$150 Physicians

$100 Nurses and Allied Health Professionals

$25 Fellows and Residents

Refunds

Cancellations must be received in writing by **Friday, January 12, 2018** 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.

Enrollment

By Mail

Use the form attached. Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 3rd Annual UCLA State-of-the-Art in Neuro-Oncology, 10920 Wilshire Blvd., Ste. 1060, Los Angeles, CA 90024-6512

Online

Go to www.cme.ucla.edu/courses, click on 3rd Annual UCLA State-of-the-Art in Neuro-Oncology, and click on the registration information section. You may use your MasterCard, VISA, American Express or Discover card to register online.

By Phone

Use your American Express, MasterCard, VISA or Discover card.
Call (310) 794-2620.

By FAX

Send the completed enrollment form with credit card information and authorizing signature.
Fax (310) 794-2624.

Program Location

Tamkin Auditorium
Ronald Reagan UCLA Medical Center
757 Westwood Plaza
Los Angeles, CA 90095

Directions and Parking

From the 405 freeway, exit Wilshire Blvd., east toward Westwood. Turn left on Westwood Blvd., travel past Charles E. Young Dr. South and turn left on Structure 8 driveway. Drive up the ramp to the rooftop level to park. Please note your license plate and pay at the parking kiosk. Self-parking is $12.

Accreditation

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 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement

The FDA has issued a concept paper which 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 nonpromotional, 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 manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

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Application for Enrollment (Please Print)

Course Title and Number	Amount
3rd Annual UCLA State-of-the-Art in Neuro-Oncology M178-14 **REGISTRATION FEES:** $150 Physicians $100 Nurses and Allied Health Professionals $25 Fellows and Residents	

Please print clearly, and remember to include your credit card number and authorizing signature.

_____
Last four digits of your Social Security Number

_____
Name (First/Middle/Last) Degree ☐ Male ☐ Female

_____
Preferred Mailing Address

_____ (_____) _____
City/State/ZIP Area Code Daytime Phone

(_____)_____ _____
Area Code FAX E-mail

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Specialty

☐ Check enclosed payable to: **The Regents of the University of California**

Charge: ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

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Mail to: Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, 3rd Annual UCLA State-of-the-Art in Neuro-Oncology, 10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024-6512.

UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
405 Hilgard Ave, MC29
Box 956938
Los Angeles, California 90095-6938

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