

4th Annual Brain Tumor Symposium

Featured Guest Speakers:

Howard A. Fine, MD

*Anne Murnick Cogan and David H. Cogan Professor of Oncology
Director, Division of Hematology and Medical Oncology
Director, NYU Brain Tumor Center
New York, New York*

Eugene S. Flamm, MD

*Jeffrey P. Bergstein Chair in Neurological Surgery
Montefiore Medical Center
Bronx, New York*



**Sidney Kimmel
Medical College**
at Thomas Jefferson University

Friday, October 31, 2014
Hyatt Regency Philadelphia at Penn's Landing

COURSE DESCRIPTION

The **4th Annual Brain Tumor Symposium: The History of Neuro-Oncology and its Evolution in Medicine and Surgery**, sponsored and directed by the Thomas Jefferson University Department of Neurological Surgery, is designed for all specialists working in the field of neuro-oncology: neurosurgeons, neurologists, neuro-radiologists, neuropathologists, as well as family physicians, nurses and trainees whose practice focuses on the diagnosis, management, and treatment of brain tumors.

Advance your knowledge and practice in neuro-oncology, a field that deals with the unique challenges in the diagnosis, treatment and management of malignant brain tumors. This conference will trace the evolution of the field and review milestones that changed the course of treatment and outcomes. Participants will find clinical pearls and draw lessons from the past. You will be guided through expert analyses of the current evidence to support best practices in patient care.

Back by Popular Demand! Two Afternoon Break-Out Sessions: Physician Track and Nurses/Allied Health Professionals Track!

Each session will emphasize updated approaches to the identification, diagnosis and treatment of brain tumors and the psychological impact of such a diagnosis through lively interactive case-based discussion. All attendees will re-convene after the afternoon break-out sessions for the Closing Remarks immediately following the conference.

COURSE OBJECTIVES

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

Critical Milestones in the Improved Care of Brain Tumor Patients

- Identify the origins of neuro-oncology and the impact federally supported research in the field has had on the neuro-oncologic fellowship and specialized nurse training, and resulting improvements in the care of the brain tumor patient.
- Describe the National Brain Tumor Consortia and its role in changing the course of neuro-oncology practice by examining recent advances and outcomes.
- Discuss the operating room environment expansion to include advanced practice nurses and examine the impact of this specialization on peri-operative and post-operative care.

Advances in Clinical Care

- Outline the WHO classification scheme for common brain tumors and examine instances where new knowledge has modified or changed the classification of certain tumors.
- Change practice patterns and improve patient care and outcomes by examining the scientific, structural and treatment milestones in
 - o malignant glioma treatments drawn from Phase III trials
 - o recent clinical trial reports on acoustic neuromas and treatment-related complications
 - o transphenoidal surgery, with special emphasis on the challenging anatomy of the sellar region
 - o whole brain radiation and the rationale for stereotactic radiosurgery as the sole intervention for brain metastases.
- Identify the basic principles of neuro-immunology and the evolution of immunotherapy strategies for malignant gliomas, focusing on the unique constraints of the central nervous system including "immune privilege".

Advances in Technology

- Describe the challenges faced by neurosurgeons in dealing with tumors located in and around the brain and critique the evolving technical advances benefitting patients with brain tumors.
- Examine the application and critically assess the practice and rationale of the use of lasers, whole brain radiation (digitally reconstructed radiographs or DRRs), and the Gamma Knife and discuss the clinical significance of technological milestones that have impacted each of these treatment options from the neurosurgeon, oncologist, and radiologist's perspectives.

Patient Centered Care Objectives

- Demonstrate the need for a multidisciplinary approach to the brain tumor patient, with emphasis on the importance of collaborative care and multidisciplinary clinics with an integrated brain tumor service line and the role it can have to serve the cause of advancing knowledge to the community.
- Describe the emotional and physical needs from the brain tumor patient perspective and identify resources and ancillary support families often need in the care of their loved one and identify the various patient-centered charitable organizations that provide support.
- Assess their individual practice in light of the information and discussions during the course, and identify specific strategies to implement as part of a continuing improvement process for their practices.

(PRELIMINARY AGENDA/SUBJECT TO CHANGE)

- 7:00 AM Registration, Continental Breakfast, & Exhibits
7:45 AM Welcome and Introduction of Keynote Speakers
David W. Andrews, MD, FACS
Lyndon J. Kim, MD
8:00 AM Glioma Stem Cells: If Not a Paradigm Change, at Least a Better Model
Howard A. Fine, MD
8:40 AM Keynote Lecture: The Evolution of Neurosurgical Innovations for Intracranial Neoplasms
Eugene S. Flamm, MD
Introduction of Keynote Speaker by Kevin D. Judy, MD, FACS
9:10 AM Sixty Years of Trials for Malignant Gliomas: Evolution of the Standard of Care
David W. Andrews, MD, FACS
9:40 AM Evolution of Neuro-Oncologic Fellowship Training
Jon Glass, MD
10:10 AM Break & Exhibits
10:30 AM Lasers and Brain Tumors: Where We've Been and Where We're Going
Kevin D. Judy, MD, FACS
11:00 AM Transphenoidal Surgery: From the Flashlight to Microscope to Endoscope
James J. Evans, MD, FACS
11:30 AM Evolution of National and International Brain Tumor Consortia
Lyndon J. Kim, MD
12:00 PM The Ongoing Challenge of Treating Acoustic Neuromas
Christopher J. Farrell, MD
12:30 PM Lunch & Exhibits
1:15 PM Radiation Therapy for Brain Metastases: Evolution of Practice over Half a Century
Maria Werner-Wasik, MD
1:45 PM Break/Move to Breakout Session
All attendees will re-convene after the afternoon break-out sessions for the Closing Remarks in the Grand Ballroom

PRACTICING PHYSICIAN TRACK: UPDATES FROM JEFFERSON PHYSICIANS GRAND BALLROOM

- 1:55 PM The Revolutions in Imaging that Have Changed Practice for Brain Tumors
Kiran S. Talekar, MD
2:15 PM The WHO Classification System of Tumors: A Work in Progress
Lawrence C. Kenyon, MD, PhD
2:35 PM Break & Exhibits
3:00 PM The Complex and Rapidly Evolving Story of our Immune System and the History of Immunotherapy for Brain Tumors
Douglas C. Hooper, PhD
3:20 PM The Birth of Radiosurgery and its Evolution: From Gamma Rays to Robots to Sculpting X-Rays
Wenyin Shi, MD, PhD
3:40 PM Special Lecture: The First Brain Tumor Operation in North America at Thomas Jefferson University
Jewell L. Osterholm, MD, FACS, FAHA

NURSE AND ALLIED HEALTH PROFESSIONAL TRACK: UPDATES FROM JEFFERSON PHYSICIANS AND NURSES COLUMBUS BALLROOM

- 1:55 PM The Evolution of Sub-specialty Nursing Care in Neuro-Oncology
Catherine Harris, PhD, CRNP, MBA
2:15 PM The Evolution of Nursing and Neurocritical Care for the Brain Tumor Patient
Matthew Vibbert, MD
2:35 PM Break & Exhibits
3:00 PM The March to Sub-specialization: First Assisting in the OR
Jennifer Sheehan, CRNP
3:20 PM The Evolution of Charitable Organizations for Patient Support and Basic Research: From Komen to Tug McGraw to the Mary Kline Classic
Joseph McBride, RN, BSN
3:40 PM The Multidisciplinary Experience of Brain Tumor Patient Care from the Nursing Perspective: Personal Historical Perspective
Daniel Clancy, RN

FINAL PLENARY SESSION GRAND BALLROOM

- 4:00 PM Closing Remarks
David W. Andrews, MD, FACS

For additional information please visit
<http://jeffline.jefferson.edu/jeffcme/Neurosurgery/>

JEFFERSON CO-COURSE DIRECTORS

David W. Andrews, MD, FACS

Professor, Neurological Surgery
Vice Chair of Clinical Services
Department of Neurological Surgery
Division Chief, Division of Neuro-Oncology

Kevin D. Judy, MD, FACS

Professor, Neurological Surgery
Section Chief of Surgical Neuro-Oncology

Joseph McBride, RN, BSN

Nurse, Department of Neurological Surgery

GUEST FACULTY

Howard A. Fine, MD

Anne Murnick Cogan and David H. Cogan Professor of Oncology
Director, Division of Hematology & Medical Oncology
Director, NYU Brain Tumor Center
Deputy Director, NYU Cancer Institute
Director, Bellevue Hospital Cancer Center
The New York University (NYU) Langone Medical Center
NYU Cancer Institute
New York, New York

Eugene S. Flamm, MD

Jeffrey P. Bergstein Chair in Neurological Surgery
Montefiore Medical Center
Bronx, New York

JEFFERSON FACULTY

Daniel Clancy, RN

Clinical Senior Manager
Department of Radiation Oncology

James J. Evans, MD, FACS

Professor, Neurological Surgery and Otolaryngology-
Head and Neck Surgery
Director of Cranial Base and Pituitary Surgery
Co-Director, Jefferson Center for Minimally Invasive
Cranial Base Surgery and Endoscopic Neurosurgery

Jon Glass, MD

Associate Professor, Neurological Surgery
Section Chief of Medical Neuro-Oncology
Division of Neuro-Oncology

Catherine Harris, PhD, CRNP, MBA

Assistant Professor, Graduate Program
Jefferson School of Nursing

Douglas C. Hooper, PhD

Professor, Cancer Biology

Lawrence Kenyon, MD, PhD

Associate Professor, Pathology
Associate Director, Neuropathology
Surgical Pathology Director, Autopsy

Lyndon Kim, MD

Associate Professor, Neurological Surgery and Oncology
Division of Neuro-Oncology

Jewell L. Osterholm, MD, FACS, FAHA

Professor Emeritus, Neurological Surgery

Kiran S. Talekar, MD

Assistant Professor, Radiology

Jennifer Sheehan, CRNP

Nurse Practitioner, Department of Neurological Surgery

Wenyin Shi, MD, PhD

Assistant Professor, Radiation Oncology

Matthew Vibbert, MD

Assistant Professor, Neurology and Neurological Surgery

Maria Werner-Wasik, MD

Professor, Radiation Oncology



Sidney Kimmel Cancer Center

at Thomas Jefferson University
NCI-designated

The Sidney Kimmel Cancer Center (SKCC) was founded in 1991 and is one of a select group of cancer centers in the nation designated by the National Cancer Institute. Today, the KCC has approximately 150 members that include physicians and scientists dedicated to discovery and development of novel approaches for cancer treatment.

HAVE YOU HEARD?

JEFFERSON MEDICAL COLLEGE IS NOW THE SIDNEY KIMMEL MEDICAL COLLEGE AT THOMAS JEFFERSON UNIVERSITY!

Jefferson Medical College has been renamed The Sidney Kimmel Medical College at Thomas Jefferson University, effective June 17, 2014 as a result of an historic and transformative gift from the Sidney Kimmel Foundation.

ACCREDITATION INFORMATION

Sidney Kimmel Medical College at Thomas Jefferson University is accredited by the ACCME to provide continuing medical education for physicians. Sidney Kimmel Medical College designates this live activity for a maximum of **6.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thomas Jefferson University Hospital is an approved provider of continuing nursing education by the PA State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. A maximum of **6.3 nursing contact hours** will be awarded for this program. The participant must attend the entire program to be eligible for full contact hour credit.

FACULTY DISCLOSURE

All faculty at continuing educating activities for nurses, physicians and allied health professionals are required to disclose to the audience (1) any significant financial relationships with the manufacturer(s) of any commercial products, goods or services and (2) any unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in the course presentation materials.

EXHIBITS

Exhibits will be open during registration, breaks, and lunch. We wish to thank our grantors and exhibitors for their participation and support of this conference.

PARKING INFORMATION

The hotel offers a variety parking. Fees are as follows: · Self-Parking--\$12.00 · Valet-Parking--\$19.00

These rates only apply to guests who are attending the event only. These rates do not apply to any guest staying overnight. Overnight guest will pay the regular inclusive rate of \$30.00 for self -parking and \$40.80 for valet parking. These rates are subject to change without notice.

HOTEL ACCOMMODATIONS

Hyatt Regency Philadelphia Hotel Rooms are Available – Please call the hotel reservations department at **888-421-1442** to reserve a room and reference Jefferson Medical College or book online at: <https://resweb.passkey.com/go/jeffersonmedcollege>

Room Rate: Single/Double - \$209 (plus tax) Triple Occupancy- \$234 (plus tax) Quadruple Occupancy- \$259 (plus tax)

Reservations must be received no later than **October 9, 2014**.

REGISTRATION INFORMATION

The registration fee for the entire course is **\$165.00** for Physicians and **\$140.00** for Nurses and Allied Health Professionals before **October 24, 2014**. The Registration Fee includes all course materials, CME Certificate, CNE Certificate, and continental breakfast, lunch and refreshment breaks. The registration fee does not include parking. Your registration will be confirmed via email. Exhibits will be displayed throughout the conference. If you have any special needs, please contact the Office of CME by **October 24, 2014** at 1-888-JEFF-CME.

CANCELLATIONS/REFUND POLICY

Requests for refunds must be submitted in writing and received in the Office of CME by **October 24, 2014**. There will be no refunds after this date. There will be a \$50 processing fee for all refunds. There will be a \$20 processing fee for Non Jefferson Residents & Fellows. All refunds will be processed after the conference. Registrants who fail to attend the conference are responsible for the entire fee. The University reserves the right to cancel or postpone this course due to unforeseen circumstances. In the event of a cancellation or postponement, the University will refund registration fees, but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines or travel agencies.

Last Name _____ First Name _____ MI _____ Male Female

Title (Dr., Mr., Ms.) _____ Personal Title (II, Jr.) _____ Degree _____ Specialty _____

Affiliation/Organization _____ Mailing Address _____

City _____ State _____ Zip _____

Telephone Work Home Cell _____ Fax _____ Email _____

Web ID (Please provide the last four digits of your Social Security Number as your Web ID. This will allow you to access your CME transcript at anytime after the course.)

Please do not include me in upcoming events mailing lists.

Are you a Jefferson Medical College Alum? Yes No If yes, what year? _____

*How did you hear about this event? _____

REGISTRATION FEES

- \$165.00 Practicing Physician
- \$140.00 Nurse
- \$140.00 Allied Health Professional
- \$140.00 Retired Physician
- \$140.00 Non-Jefferson Resident
- \$140.00 Non-Jefferson Fellow

Payment: Please make check payable to **Sidney Kimmel Medical College at Thomas Jefferson University, Office of CME**, or provide Credit Card Information. Do not send cash. Registration will not be processed unless full payment is received.

Check is enclosed. Check Number: _____

I hereby authorize use of my: Visa Mastercard

Amount \$ _____

Discount rates available to specific spoke/affiliate hospitals. Please visit the course webpage, <http://jeffline.jefferson.edu/jeffcme/Neurosurgery/> for details.

To register, please use one of the following options:

Register Online: <http://jeffline.jefferson.edu/jeffcme/Neurosurgery/>

Fax: You may fax this form with credit card payment to (215) 923-3212

Phone: For further information, please call the Office of CME at 1-888-JEFF-CME or 215-955-6992

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Sidney Kimmel Medical College at
Thomas Jefferson University
Office of CME
1020 Locust Street, Suite M-5
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