

# 34th Annual Pan Philadelphia Neurosurgery Conference

December 2, 2022 | Live Meeting

Presented by:

Perelman School of Medicine at the  
University of Pennsylvania

Sidney Kimmel Medical College at  
Thomas Jefferson University

Lewis Katz School of Medicine at  
Temple University

# 34th Annual Pan Philadelphia Neurosurgery Conference

Friday, December 2, 2022 | 8:00AM – 3:15PM EDT | Live Meeting

The Union League of Philadelphia

CO-SPONSORED BY:

Perelman School of Medicine at the University of Pennsylvania

Sidney Kimmel Medical College at Thomas Jefferson University & Lewis Katz School of Medicine at Temple University

## PRELIMINARY AGENDA – SUBJECT TO CHANGE

7:00AM – 8:00AM	Registration, Continental Breakfast, and Exhibits
8:00AM – 8:10AM	Welcome & Introductions – Daniel Yoshor, MD

## SPINE SECTION

8:10AM – 9:20AM	<p><b>Keynote Lecture: “Practice and Research in Spinal Surgery”</b></p> <p>Mohamad Bydon, MD– Mayo Clinic</p> <p>Introduction by: Ali Ozturk, MD</p> <p><b>Panel Discussion:</b></p> <ul style="list-style-type: none"><li>• Penn: Ali Ozturk, MD - Moderator</li><li>• Penn: Jang Yoon MD, MSc</li><li>• Jefferson: Joshua E Heller, MD</li><li>• Mayo Clinic: Mohamad Bydon, MD</li><li>• Temple: Bong Soo Kim, MD</li></ul>
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## VASCULAR SECTION

9:20AM -10:30AM	<p><b>Keynote Lecture: “Management of Wide-Necked Aneurysms”</b></p> <p>Howard Riina, MD – New York University Langone Health</p> <p>Introduction by: Jan Burkhardt, MD</p> <p><b>Panel Discussion:</b></p> <p>Jan Burkhardt, MD- Moderator</p> <p>Penn: Visish Mani Srinivasan, MD</p> <p>Jefferson: Pascal Jabbour, MD</p> <p>Temple: Kadir Erkmen, MD, FAANS</p> <p>NYU: Howard Riina, MD</p>
10:30AM – 11:00AM	Break & Exhibits

## FUNCTIONAL SECTION

11:00AM – 12:10PM	<b>Keynote Lecture: “Deep Brain Stimulation of the Superolateral Branch of the Medial Forebrain Bundle in Treatment Resistant Depression”</b>
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Albert Fenoy, MD—Northwell Health

Introduction by: Isaac Chen, MD

**Panel Discussion :**

- Isaac Chen, MD- Moderator
- Penn: Iahn Cajigas, MD, PhD
- Temple: Willard Kasoff, MD, MPH

## RESIDENT RESEARCH COMPETITION

12:10PM – 1:00PM

- Penn: Ali Ozturk, MD - Moderator
- **Temple:** “Middle Meningeal Artery Onyx Embolization for Non-Acute Subdural Hematomas” – Anand Kaul, MD
- **Temple:** Concurrent Multiple Subpial Transection and Responsive Neurostimulation– Robert Ziechmann, MD
- **Penn:** “Effect of Intraoperative Blood Loss on Post-Operative Outcomes in Patients Undergoing Three Column Osteotomies”– Connor Wathen, MD
- **Penn:** “Prediction of Intracranial Pressure Crises Using Machine Learning Algorithms”– Stephen Miranda, MD
- **Jefferson:** “Radiomic Phenotypic Signatures of Meningiomas” – Omaditya (Goldey) Khanna, MD
- **Jefferson:** “Cost-Benefit Comparative analysis of diagnostic transradial vs transfemoral angiogram: A Large Single Center Study”– Elias Atallah, MD

1:00PM – 1:45PM

**Lunch & Exhibits**

## TUMOR SECTION

1:45PM – 3:00PM

**Keynote Lecture: “Demystifying Low Grade Gliomas”\***

Daniel Cahill, MD, PhD – Massachusetts General Hospital

Introduction by: Nduka Amankulor, MD

**Panel Discussion:**

- Nduka Amankulor, MD– Moderator
- Penn: John Lee, MD
- Jefferson: Kevin Judy, MD
- Temple: Scott R. Shepard, MD
- MGH- Daniel Cahill, MD, PhD

*\*Please note this lecture does not qualify for AMA PRA Category 1 Credits™*

3:00PM-3:10PM

**Resident Award Presentation**

## CLOSING

3:10PM – 3:15PM

**Closing Remarks**

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## COURSE OVERVIEW

The 34<sup>th</sup> Annual Pan Philadelphia Neurosurgery Conference is provided by area Neurosurgical Training Programs: the Perelman School of Medicine at University of Pennsylvania, Sidney Kimmel Medical College at Thomas Jefferson University, and the Lewis Katz School of Medicine at Temple University. This interdisciplinary symposium provides the latest updates on topics in neuroscience including stroke, epilepsy, neuroimaging, movement disorders, multiple sclerosis, spine tumors and more. Join expert faculty as they discuss innovations in preventing, treating and managing neurological conditions. The faculty will address challenges and current controversies in spine, functional neurosurgery, neuro-oncology, and neurovascular surgery. Panel discussions on the futures of these four areas will be explored. Each panel will examine how advances in these disciplines can significantly impact neurosurgical practice. Additionally, a resident research competition will provide an analytical review of current research endeavors.

## LEARNING OBJECTIVES

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

- ❖ Evaluate medical interventions and aggressive intervention for cerebrovascular injuries based on location.
- ❖ Explain use of new advances in robotics, artificial intelligence and imaging in spine and spinal cord surgery.
- ❖ Apply new protocols for the management of TBI patients with ICP and brain oxygen monitors.
- ❖ Evaluate current patient strategies to align with updated practices in neurosurgery.

## ACCREDITATION INFORMATION



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In support of improving patient care, this activity has been planned and implemented by Thomas Jefferson University, the Lewis Katz School of Medicine at Temple University and the Perelman School of Medicine at University of Pennsylvania. Thomas Jefferson University is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### Designation of Credit

**PHYSICIANS:** This educational activity is designated for a maximum of 4.50 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## SUCCESSFUL COMPLETION & EVALUATION

Participants who registered for CE credit are required to complete an online CE evaluation form as part of the education activity.

The email will be sent to the email address associated with your Jefferson.Cloud-CME™ account. All other attendees must complete their evaluations within **45 days** in order to receive credit. **Due: Tuesday, January 17.** Thereafter, no credits will be awarded and no refunds will be issued.

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### CE CERTIFICATES

At any time after you have completed the course, you will be able to find your certificate and a transcript of all your Jefferson-sponsored CPD activities, please login to your Jefferson.Cloud-CME™ account at [jefferson.cloud-cme.com](http://jefferson.cloud-cme.com) navigating first to "My Activities" and then to "Live Credit". There is a help screen on the Jefferson.Cloud-CME™ home page that can guide you through this process. Please contact the Jefferson Office of CPD at 1-877-JEFF-CPD or [jeffersoncpd@jefferson.edu](mailto:jeffersoncpd@jefferson.edu) if you have any questions about retrieving your certificate or transcript.

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### **COURSE DIRECTORS**

**Daniel Yoshor, MD**

Chair of Neurosurgery and Vice President of Clinical Integration and Innovation  
Perelman School of Medicine at the University of Pennsylvania

**Robert H. Rosenwasser, MD, MBA, FACS, FAHA**

Jewel L. Osterholm, MD Professor and Chair of Neurological Surgery  
Professor of Radiology, Neurovascular Surgery, Interventional Neuroradiology  
President/CEO, Vickie and Jack Farber Institute for Neuroscience  
Medical Director, Jefferson Neuroscience Network  
Division Director Neurological Surgery, Main Line Health  
Sidney Kimmel Medical College at Thomas Jefferson University

**Michael W. Weaver, MD, FAANS**

Professor and Chair of Neurosurgery  
Lewis Katz School of Medicine at Temple University

### **PERELMAN SCHOOL OF MEDICINE AT THE UNIVERSITY OF PENNSYLVANIA SCIENTIFIC PROGRAM CHAIR**

**Ali K. Ozturk, MD**

Assistant Professor of Neurosurgery  
University of Pennsylvania Health System

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Faculty Member Information
Role in activity
Name of Company(s) / Nature of Relationship(s)
Robert H Rosenwasser, MD, MBA, FACS, FAHA Thomas Jefferson University Philadelphia, PA Co-Director Nothing to disclose
Michael W Weaver, MD Temple University Philadelphia, PA Co-Director Nothing to disclose
Daniel Yoshor, MD University of Pennsylvania Philadelphia, PA Co-Director, Faculty Nothing to disclose
Nduka Amankulor, MD University of Pennsylvania Philadelphia, PA Faculty
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### Role in activity

### Name of Company(s) / Nature of Relationship(s)

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Faculty

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Grant or research support-IMVAX

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Nothing to disclose

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Faculty Member Information
Role in activity
Name of Company(s) / Nature of Relationship(s)
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Visish Srinivasan, MD University of Pennsylvania Philadelphia, PA Faculty Nothing to disclose
Connor Wathen, MD University of Pennsylvania Philadelphia, PA Faculty Nothing to disclose

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Role in activity

Name of Company(s) / Nature of Relationship(s)

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**University of Pennsylvania**

**Philadelphia, PA**

Faculty

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**Robert Ziechmann, MD**

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Faculty

Nothing to disclose

**Ali Ozturk, MD**

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Faculty, Physician Planner

Consulting Fee-DePuy (Any division)

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