The 3rd annual Combined Approaches to the Skull Base course was held at the Vista Laboratory in Baltimore, MD on Saturday, September 12th, 2009. The course, including both lecture and hands-on cadaver dissection components, was intended to familiarize neurosurgery and otolaryngology residents with the state of the art in the field of skull base surgery. Participants were familiarized with the anatomy of the anterior skull base and basic surgical procedures, the use of endoscopic and mixed open/endoscopic approaches to the skull base, and the potential complications and management thereof associated with skull base surgery.

This year’s course was attended by 52 participants from the Johns Hopkins University (Baltimore, MD), Walter Reed Army Medical Center (Washington, DC), the University of Maryland (Baltimore, MD), and the University of Padova, Italy. There were 22 registered participants, 20 non-registrants, and 10 laboratory members in attendance.

### Course Leadership

**Alfredo Quiñones-Hinojosa, MD — Director**  
Associate Professor of Neurosurgery and Oncology,  
The Johns Hopkins University  
Director, Brain Tumor Surgery Program,  
Johns Hopkins Bayview Medical Center

**Kofi Derek O. Boahene, MD — Co-Director**  
Assistant Professor of Facial, Plastic, and Reconstructive Surgery &  
Assistant Professor of Head and Neck Surgery,  
The Johns Hopkins University
Course Agenda

FRIDAY, SEPTEMBER 11
6:00 - 8:00 PM  Informal Dinner at Mezze (1606 Thames St., Baltimore, MD)

SATURDAY, SEPTEMBER 12 - Vista Lab (1030 N. Charles Street, Baltimore)
7:30 - 7:55 AM  Breakfast
7:55 - 8:00  Opening Remarks (Quiñones)
8:00 - 9:15  Anterior Cranial Fossa Anatomy and Approaches:
- Overview (Quiñones/Ware)
- Subcranial Approach to the Anterior Skull Base - Combined Approaches with ENT (Boahene)
- Bifrontal Extended Approach (Quiñones)
- OZ Approach (Conway)
9:15 - 9:30  Break
9:30 - 12:00 PM  Lab Session I (Cranial Approaches: Subcranial, OZ, Bifrontal Extended)
12:00 - 1:00  Working Lunch Conference with Cases (Olivi/Lim/Weingart)
1:00 - 2:00  Keyhole and Endoscopic Procedures:
- Supraorbital Approach (Jallo)
- Transnasal-transphenoidal Approach to the Sella (Gallia)
- Extended Transnasal-transphenoidal-transplanum Approach to the Anterior Cranial Fossa (Reh)
2:00 - 4:30  Lab Session II (Endoscopic Procedures)
4:30 - 5:00  Case Presentations (Gallia/Reh/Ishii/Boahene)
5:00  Conclusion (Ware)

Unrestricted Educational Grants

Thank you to our sponsors... ...see you next year!