



The University of Vermont

R.M. Peardon Donaghy  
Microvascular and Skull Base Lab

**Surgical Approaches to the Skull Base**  
A Hands-On Cadaver Workshop for  
Neurosurgeons

Sponsored in part by New England Neurosurgical Society  
**February 21-23, 2019**

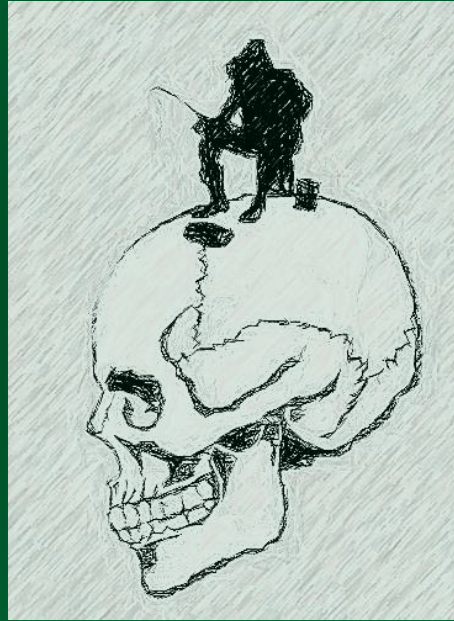


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**NENS**  
New England  
Neurosurgical Society

# Surgical Approaches to the Skull Base

A Hands-On Cadaver Workshop



**February 21-23, 2019**

**R.M. Peardon Donaghy**  
**Microvascular and**  
**Skull Base Laboratory**  
**University of Vermont**

## Objectives:

The workshop is designed to provide and enhance practical knowledge of various approaches to the skull base. Neurosurgeons and otolaryngologists will participate in didactic and hands-on sessions to facilitate this working knowledge. The course will cover minimally invasive and endoscopic approaches to the skull base, in addition to traditional approaches. At the conclusion of the course, the participant will have a comprehensive understanding of skull base approach options and an understanding of approach selection.

## Design:

This is a three-day, hands-on workshop. The facility is state of the art and equipped with endoscopic towers and instrumentation, high speed drills, and microscopes. There will be two participants at each of six stations.

## General Information

### Hotel Accommodations

Call the Comfort Inn & Suites  
3 Dorset Street South Burlington, Vermont 05403  
(802) 863-5541  
Ask to book a room under the group block name:  
Skull Base Course.

### Workshop Location

RM Peardon Donaghy Microvascular and Skull Base  
Lab – University of Vermont  
89 Beaumont Ave., Given Bldg. E302  
Burlington, VT 05401

### Airport

Burlington International Airport (BTV) is 10 minutes from the Skull Base Lab. Call for shuttle service to the hotel: 802-863-5541.

Transportation to and from hotel provided by  
the Comfort Inn & Suites shuttle

## Course Director

### **Brandon D. Liebelt, MD**

Assistant Professor  
Neurological Surgery  
University of Vermont  
Larner College of Medicine



## Special Guest Instructors:

### **Carl Heilman, MD**

Neurosurgeon-in-Chief  
Professor and Chairman Neurosurgery  
Tufts New England Medical Center



### **Sean O. McMenomey, MD**

Professor Division Director  
Otology/Neurotology/Skull Base Surgery  
New York University



### **William T. Curry, MD**

Professor Neurosurgery  
Harvard Medical School  
Mass General Hospital



## Course Faculty

UVM Neurosurgery

**Bruce Tranmer, MD**, Professor

UVM Otolaryngology

**Gary Landrigan, MD**, Associate Professor

**George Kurien, MD**, Assistant Professor

**Carolyn Orgain, MD**, Assistant Professor

## Resident Instructors

**Eric Akture, MD**, Neurosurgery Resident

**Ricardo Aulet, MD**, Otolaryngology Resident

Proceeds benefit the Skull Base Laboratory  
Course not CME accredited

## **Schedule and Lectures:**

### **Thursday, February 21, 2019**

- 7:30-8:30 **Grand Rounds:**  
**Brandon D. Liebelt, MD**  
Davis Auditorium,  
UVMCC Campus
- "Title to be determined"
- 8:50-9:20 Endoscopic Anatomy of the Sinonasal  
Cavity and Anterior Skull Base  
**Carolyn Orgain, MD**  
HSRF 200
- 9:20-10:00 Endoscopic Approaches to the Anterior  
Cranial Fossa  
**William Curry, MD**  
HSRF 200
- 10:00-1:00 Dissection: Endoscopic Endonasal  
Approaches  
-identify key endoscopic anatomy  
-elevation of nasoseptal flap  
-transsphenoidal and extended approaches  
Skull Base Lab, Given E302
- 1:00-1:30 Lunch and Case Presentations
- 1:30-1:50 Supraorbital Approaches  
**Brandon D. Liebelt, MD**  
HSRF 300
- 1:50-2:30 Approach to the Paraclinoid Region and  
Cavernous Sinus (FTOZ and its variants)  
**Carl Heilman, MD**  
HSRF 300
- 2:30-5:00 Dissection: Endonasal and Anterolateral  
Approaches  
-Transcribriform, transplanum, transclival EEA  
-Eyelid/eyebrow craniotomy  
-FTOZ  
Skull Base Lab, Given E302
- 5:30-7:00 Cocktails with Exhibitors at Marriott  
Conference center
- 7:30 Dinner with Exhibitors at KOTO

### **Friday, February 22, 2019**

- 7:00-7:40 Temporal Bone Anatomy and Mastoidectomy  
Technique  
**George Kurien, MD**  
HSRF 300, Breakfast served
- 7:40-8:20 Posterior Petrosal approach to Posterior  
and Middle Fossa  
**Sean McMenomey, MD**  
HSRF 300 Breakfast served
- 8:20-12:00 Dissections - Mastoidectomy and Posterior  
Petrosectomy  
Skull Base Lab Given E302
- 12:00-5:00 Ice fishing and BBQ on the Ice  
Highgate, VT  
Transportation Provided

### **Saturday, February 23, 2019**

- 7:30-8:10 Anterior Petrosal Approach to the Petrous  
Apex/IAC  
Sean McMenomey, MD  
HSRF 300 Breakfast served
- 8:10-8:50 Far later approach to Posterior Fossa  
Bruce Tranmer, MD HSRF 300
- 9:00-12:00 Dissection: Middle Fossa and Far Lateral  
Approaches  
Depart

### **To Register, please contact:**

Sheila Russell  
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Given Bldg. E301A  
Burlington, Vermont 05405  
[Sheila.Russell@uvm.edu](mailto:Sheila.Russell@uvm.edu)  
**802-656-2257**