

# Stereotactic and Functional Neurosurgery

## Hands-On Workshop



Register by August 1, 2017

**Nov. 10-12, 2017 Denver, Colorado**  
**The Center for Surgical Innovation**

Sponsored by the American Society for Stereotactic and Functional Neurosurgery (ASSFN) and the University of Colorado, Department of Neurosurgery, you are invited to attend the Stereotactic and Functional Neurosurgery workshop this **Nov. 10-12, 2017** in Denver, Colorado.

Open to international participants, the Stereotactic and Functional Neurosurgery Hands-On Workshop allows ample time for hands-on training in the lab, and for questions and discussion with renowned faculty. To encourage faculty interaction, course participation is limited to 30 attendees. Visit [www.regonline.com/SFNcourse](http://www.regonline.com/SFNcourse) to register before the Aug. 1, 2017 deadline, or before the course is full.

### COURSE DESCRIPTION

This two-and-a-half-day course is conducted by internationally known neurosurgery faculty who address a variety of neuromodulation and ablative techniques, stereotactic planning and execution of stereotactic principles. The hands-on workshop sessions include instruction on correctly attaching stereotactic devices to cadaveric heads and phantoms; correctly performing stereotactic targeting using available neuronavigation platforms; performing stereotactic radiosurgery for functional targets; and conducting radiofrequency and laser ablation of brain targets including pallidum and hippocampus. In addition, practitioners learn to identify standard targets in functional neurosurgery using state-of-the-art neurophysiological mapping and MRI-guided techniques. Practitioners learn and practice the use of 2D fluorography, CT scanning and MR imaging intraoperatively to verify electrode position after implantation of DBS electrodes.

The language of course instruction is English.

### COURSE FACULTY

#### Course Director

Aviva Abosch, MD, PhD  
University of Colorado

#### Course Co-Directors

Robert Gross, MD, PhD  
Emory University

Steven Ojemann, MD  
University of Colorado

#### Featured Guest Faculty

Ellen Air, MD, PhD  
Henry Ford Health System

Stéphan Chabardès, MD  
Grenoble Institut des Neurosciences

Kathryn L. Holloway, MD  
McGuire VAMC

Paul S. Larson, MD  
University of California

Adrian W. Laxton, MD  
Wake Forest University

Darlene A. Lobel, MD  
Cleveland Clinic

Andre Machado, MD, PhD  
Cleveland Clinic

Michael Y. Oh, MD  
Allegheny Health Network

Nader Pouratian, MD, PhD  
UCLA Neurosurgery

Mark Richardson, MD, PhD  
University of Pittsburgh

Sameer Sheth, MD, PhD  
Columbia University

Konstantin V. Slavin, MD  
University of Illinois

John A. Thompson, PhD  
University of Colorado

Ashwin Viswanathan, MD  
Baylor

## COURSE OBJECTIVE

Upon completion of this course, participants should be able to:

- Correctly attach stereotactic devices to cadaveric heads and phantoms.
- Perform stereotactic targeting using available neuronavigation platform.
- Identify targets used in functional neurosurgery in the basal ganglia using mapping techniques
- Target brain regions for radiosurgical ablation
- Demonstrate radiofrequency and laser ablation of brain targets and use of 2D fluorography and CT scanning intraoperatively.
- Implant neuromodulating devices

## COURSE LAB

The opening session is Friday morning, November 10, 2017 at the Center for Surgical Innovation with a breakfast reception and lectures.

Center for Surgical Innovation  
Bioscience Park Center Building  
12635 East Montview Blvd., Suite 170  
Aurora, CO 80045

## COURSE HOTEL

The Course dinner and didactic session occurs Friday, November 10, 2017 at the Hyatt Regency Aurora-Denver Convention Center.

Hyatt Regency Aurora-Denver Conference Center  
13200 East 14<sup>th</sup> Place  
Aurora, CO 80011  
Phone: 720.859.800  
Rate: \$145 per night (plus tax)

To receive this group rate, please make your reservation no later than 5 pm MT, October 1, 2017 and reference the ***Stereotactic & Functional Neurosurgery Workshop***. Reservations after this date will be based on space and rate availability.

### **REGISTRATION- Registration Closes Aug. 1, 2017**

Register by 1) emailing this form to [Melissa.seitler@ucdenver.edu](mailto:Melissa.seitler@ucdenver.edu) 2) Mailing this form to Department of Neurosurgery, 12631 E. 17<sup>th</sup> Ave, C-307, Aurora, CO 80045 USA or 3) Calling 303.724.8963

Registrant's Name \_\_\_\_\_ Credentials \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Country \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

#### Payment Information

Visa  MasterCard  American Express

Credit Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on Credit Card \_\_\_\_\_ Security Code \_\_\_\_\_

Authorization Signature \_\_\_\_\_ Date \_\_\_\_\_

(I Agree to Pay According to the Credit Card Issuer Agreement)

A 90% refund will be made for cancellations up to 60 working days before the course. No refunds will be made for cancellations after this time or for non-attendance.

## TRANSPORTATION

Course attendees are responsible for their air and ground transportation to the course hotel. Return transportation to the Denver International Airport is provided following the conclusion of the course on Sunday, November 12.

All lab sessions (Friday, Nov. 10, Saturday, Nov. 11 and Sunday, Nov. 12) will be held in the Center for Surgical Innovations (CSI). Transportation will be provided for all participants to and from the hotel to the CSI.

## TUTION

Physicians: \$1,950

Tuition Includes:

- Official Certificate of Course Completion
- Hands-on Cadaver Fees at the Lab
- Breakfast and Lunch at the Course
- Course Dinner Friday Night
- Transportation to and from the Lab
- Transportation from the Lab to Denver International Airport (Sunday Only)

Attendees are responsible for their own transportation to and from the course, dinner on Saturday evening and hotel accommodations. However, a special attendee rate has been negotiated at the course hotel. Participants are encouraged to start the Visa process immediately upon course registration.

*For questions about this course, please contact Melissa Seitler  
([melissa.seitler@ucdenver.edu](mailto:melissa.seitler@ucdenver.edu))*