

Course Faculty

Course Chair

Kim Burchiel, M.D. | OHSU NEUROLOGICAL SURGERY

Course Director

Ahmed Raslan, M.D. | OHSU NEUROLOGICAL SURGERY

Guest Faculty

Ahmed AbdelBar, M.D. | AIN SHAMS UNIVERSITY

Steven Falowski, M.D. | ST. LUKE'S UNIV. HEALTH NETWORK

Kelly Foote, M.D. | UNIVERSITY OF FLORIDA

Walid Abdel Ghany, M.D. | AIN SHAMS UNIVERSITY

Ryder Gwinn, M.D. | SWEDISH

Simon Hanft, M.D. | RUTGERS UNIVERSITY

Michael Kinsman, M.D. | UNIVERSITY OF KANSAS

Andrew Ko, M.D. | UNIVERSITY OF WASHINGTON

Albert Lee, M.D. | INDIANA UNIVERSITY

Jonathan Miller, M.D. | CASE WESTERN RESERVE

Erika Petersen, M.D. | UAMS

Jeffrey Raskin, M.D. | INDIANA UNIVERSITY

Joshua Rosenow, M.D. | NORTHWESTERN UNIVERSITY

Jason Schwalb, M.D. | HENRY FORD HEALTH SYSTEM

Sameer Sheth, M.D., Ph.D. | BAYLOR COLLEGE OF MEDICINE

Jennifer Sweet, M.D. | CASE WESTERN RESERVE

Ashwin Viswanathan, M.D. | BAYLOR COLLEGE OF MEDICINE

Christopher Winfree, M.D. | COLUMBIA UNIVERSITY

Chengyuan Wu, M.D., M.S.Bm.E. | JEFFERSON UNIVERSITY

OHSU Faculty

Matthew Brodsky, M.D. | NEUROLOGY

Jeremy Ciporen, M.D. | NEUROLOGICAL SURGERY

Lia Ernst, M.D. | NEUROLOGY

Colin Roberts, M.D. | PEDIATRIC NEUROLOGY

Nathan Selden, M.D., Ph.D. | NEUROLOGICAL SURGERY

David Spencer, M.D. | NEUROLOGY

Course Location

VirtuOHSU Simulation and Surgical Training Center
Richard Jones Hall, 2nd Floor
3181 SW Sam Jackson Park Rd.
Portland, OR 97239

Contact Information

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Stereotactic and Functional Neurosurgery Hands-on Training Course

April 4 – 6, 2018

VirtualOHSU Simulation
and Surgical Training Center
Portland, Oregon



Wednesday, April 4

Lecture Session 1 – Richard Jones Hall

- 6 A.M.** Hot Breakfast Available at Residence Inn – Marriott
- 7 A.M.** Shuttle Pickup
- 7:15 A.M.** Registration and Continental Breakfast
- 8 A.M.** Welcome and Opening Remarks
Kim Burchiel, M.D., Ahmed Raslan, M.D., Nathan Selden, M.D., Ph.D.
- 8:15 A.M.** Facial Pain Classification and Outcome Measurement
Kim Burchiel, M.D.
- 8:35 A.M.** Microvascular Decompression for Cranial Nerves Compression Syndromes
Jason Schwalb, M.D.
- 8:55 A.M.** Trigeminal Ganglion/Rootlets Ablation for Pain
Ashwin Viswanathan, M.D.
- 9:15 A.M.** Break
- 9:30 A.M.** DRG Stimulation for Chronic Pain
Ahmed Raslan, M.D.
- 9:50 A.M.** Peripheral Nerve Stimulation for Pain
Christopher Winfree, M.D.
- 10:10 A.M.** Spinal Cord Stimulation for Pain
Steven Falowski, M.D.
- 10:30 A.M.** Rhizotomies for Spinal Pain
Ahmed AbdelBar, M.D.
- 10:50 A.M.** Trigeminal Tractotomy
Ahmed Raslan, M.D.
- 11:10 A.M.** Lunch and Group Photo

Lecture Session 2 – Richard Jones Hall

- 12:30 P.M.** History and Evolution of Functional Neurosurgery
Joshua Rosenow, M.D.
- 12:50 P.M.** Intrathecal Drug Delivery System for Pain
Michael Kinsman, M.D.
- 1:10 P.M.** Break
- 1:25 P.M.** Dorsal Root Entry Zone
Albert Lee, M.D.
- 1:45 P.M.** Occipital Nerve Stimulation
Jennifer Sweet, M.D.
- 2:05 P.M.** Cadaver Lab Pre-teaching

Lab Session 1 – Richard Jones Hall

- 2:15 P.M.** DREZ | DRG | MVD | Spinal Cord Stimulation| RFL
- 6:45 P.M.** Transition/Travel Time

Evening Events – Richard Jones Hall

- 7:00 P.M.** Resident Reception
- 8:00 P.M.** Shuttle Pickup - Return to Hotel

Thursday, April 5

Lecture Session 3 – Richard Jones Hall

- 6 A.M.** Hot Breakfast Available at Residence Inn – Marriott
- 7 A.M.** Shuttle Pickup
- 7:15 A.M.** Continental Breakfast
- 8 A.M.** Pre-surgical Localization of Epilepsy
David Spencer, M.D.
- 8:30 A.M.** Insular Resection for Epilepsy
Chengyuan Wu, M.D., M.S.Bm.E.
- 9 A.M.** Responsive Neurostimulation
Lia Ernst, M.D.
- 9:30 A.M.** Cortical Dysplasia and Extratemporal Resections in Epilepsy
Nathan Selden, M.D., Ph.D.
- 10 A.M.** Temporal Lobe Resection
Kim Burchiel, M.D.
- 10:30 A.M.** Break
- 10:45 A.M.** Laser Interstitial Thermal Therapy (LITT)
Simon Hanft, M.D.
- 11:15 A.M.** Laser Ablation for Pediatric Epilepsy
Jeffrey Raskin, M.D.
- 11:45 A.M.** Lunch

Lecture Session 4 – Richard Jones Hall

- 12:30 P.M.** Vagus Nerve Stimulation
Colin Roberts, M.D.
- 12:55 P.M.** sEEG as a Clinical and Research Tool
Ahmed Raslan, M.D.
- 1:20 P.M.** Deep Brain Stimulation for Psychoaffective Brain Pathways
Sameer Sheth, M.D., Ph.D.
- 1:40 P.M.** Temporal Lobe Anatomy
Andrew Ko, M.D.
- 2:05 P.M.** Break
- 2:20 P.M.** Cadaver Lab Pre-teaching

Lab Session 2 – Richard Jones Hall

- 2:35 P.M.** LITT | Temporal Lobectomy
- 6:35 P.M.** Transition/Travel Time

Evening Events – Doernbecher Vey Conf. Center

- 7 P.M.** Course Dinner
- 8:30 P.M.** Shuttle Pickup - Return to Hotel

Friday, April 6

Lecture Session 5 – Richard Jones Hall

- 6 A.M.** Hot Breakfast Available at Residence Inn – Marriott
- 7 A.M.** Shuttle Pickup
- 7:15 A.M.** Continental Breakfast
- 8 A.M.** Asleep Deep Brain Stimulation using CT
Kim Burchiel, M.D.
- 8:30 A.M.** Closed-loop/Adaptive Deep Brain Stimulation
Kelly Foote, M.D.
- 9 A.M.** Microelectrode Recording in Functional Neurosurgery
Jonathan Miller, M.D.
- 9:30 A.M.** Deep Brain Stimulation: Targets and Evolution
Matthew Brodsky, M.D.
- 10 A.M.** Break
- 10:15 A.M.** Brain-computer Interface
Andrew Ko, M.D.
- 10:45 A.M.** Awake non MER Deep Brain Stimulation
Erika Peterson, M.D.
- 11:15 A.M.** High Frequency Ultrasound in Functional Neurosurgery
Ryder Gwinn, M.D.
- 11:45 A.M.** Lunch
- 12:45 P.M.** Robotics in Stereotactic Neurosurgery
Chengyuan Wu, M.D., M.S.Bm.E.
- 1:15 P.M.** Peripheral and Central Ablation for Spasticity
Walid Abdel Ghany, M.D.
- 1:45 P.M.** Intrathecal Drug Delivery System for Spasticity
Albert Lee, M.D.
- 2:15 P.M.** Break
- 2:30 P.M.** Cadaver Lab Pre-teaching

Lab Session 3 – Richard Jones Hall

- 2:45 P.M.** NeuroPace | NexFrame | Planning Targets
- 6:45 P.M.** Adjourn