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
Walid AbdelGhany, M.D., Ph.D. – Ain Shams University
Shabbar Danish, M.D. – Rutgers University
Emad Eskandar, M.D. – Harvard Medical School
Kelly Foote, M.D. – University of Florida
Simon Hanft, M.D. – Rutgers University
Michael Kinsman, M.D. – University of Kansas
Andrew Ko, M.D. – University of Washington
Albert Lee, M.D. – Goodman Campbell Brain & Spine
Jonathan Miller, M.D. – Case Western Reserve University
Erika Petersen, M.D. – University of Arkansas for Medical
Julie Pilitsis, M.D., Ph.D. – Albany Medical College
Joshua Rosenow, M.D. – Northwestern University
Sameer Sheth, M.D., Ph.D. – Columbia
Jason Schwalb, M.D. – Henry Ford Health System
Konstantin Slavin, M.D. – University of Illinois
Jennifer Sweet, M.D. – Case Western Reserve University
Ashwin Viswanathan, M.D. – Baylor College of Medicine
Christopher Winfree, M.D. – Columbia University
Chengyuan Wu, M.D. – 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 Sponsors

**PLATINUM**
Abbott Neuromodulation
Medtronic

**GOLD**
Boston Scientific Neuromodulation
DePuy Synthes
Intergra Life Science

**BRONZE**
Brainlab
LivaNova
NeuroPace
Zimmer Biomet

**IN-KIND**
DAY Surgical - Zeiss, DORO, Kirwan, Elekta

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OHSU accepts most health plans.
OHSU is an equal opportunity, affirmative action institution.
### Lecture Session 1 - Richard Jones Hall

- **6:30 a.m.** Shuttle pickup @ Residence Inn - Marriott
- **7:00 a.m.** Breakfast and Registration
- **8:00 a.m.** Welcome and Opening Remarks
  - Kim Burchiel, M.D., Ahmed Raslan, M.D.,
  - Nathan Selden, M.D., Ph.D.
- **8:15 a.m.** History and Evolution of Functional Neurosurgery
  - Joshua Rosenow, M.D.
- **8:35 a.m.** Facial Pain Classification and Outcome Measurement
  - Kim Burchiel, M.D.
- **8:55 a.m.** Microvascular Decompression for Cranial Nerves
  - Konstantin Slavin, M.D.
- **9:15 a.m.** Break
- **9:30 a.m.** Trigeminal Ganglion/Rootlets Ablation for Pain
  - Ashwin Viswanathan, M.D.
- **9:50 a.m.** Management of Peripheral Nerve Neuralgia
  - Andrew Zacest, M.D.
- **10:10 a.m.** Peripheral Nerve Stimulation for Pain
  - Christopher Winfree, M.D.
- **10:30 a.m.** Spinal Cord Stimulation for Pain
  - Ahmed Raslan, M.D.
- **10:50 a.m.** Rhizotomies for Spinal Pain
  - Ahmed AbdelBar, M.D.
- **11:10 a.m.** Lunch and Group Photo

### Lecture Session 2 - Richard Jones Hall

- **12:10 p.m.** Advances in Spinal Modulation
  - Alexander Kent, Ph.D.
- **12:30 p.m.** Occipital Nerve Stimulation
  - Jennifer Sweet, M.D.
- **12:50 p.m.** Deep Brain Stimulation for Pain
  - Andre Machado, M.D., Ph.D.
- **1:10 p.m.** Spinal Ablation for Cancer Pain
  - Ashwin Viswanathan, M.D.
- **1:30 p.m.** Break
- **1:45 p.m.** Intrathecal Drug Delivery System for Pain
  - Michael Kinsman, M.D.
- **2:05 p.m.** Dorsal Root Entry Zone
  - Albert Lee, M.D.
- **2:25 p.m.** Trigeminal Tractotomy
  - Ahmed Raslan, M.D.
- **2:45 p.m.** Cadaver Lab Pre-teaching

### Lecture Session 3 - Richard Jones Hall

- **6:30 a.m.** Shuttle Pickup @ Residence Inn - Marriott
- **7:00 a.m.** Breakfast
- **8:00 a.m.** Cortical Dysplasia and Extratemporal Resections in Epilepsy
  - Nathan Selden, M.D., Ph.D.
- **8:30 a.m.** Temporal Lobe Resection
  - Kim Burchiel, M.D.
- **9:00 a.m.** Pre-surgical Localization of Epilepsy
  - David Spencer, M.D.
- **9:30 a.m.** Break
- **9:45 a.m.** Stereo-EEG vs. Grids and Strips
  - Chengyuan Wu, M.D.
- **10:15 a.m.** Laser Interstitial Thermal Therapy
  - Shabbar Danish, M.D.
- **10:45 a.m.** Lunch

### Lecture Session 4 - Richard Jones Hall

- **11:45 a.m.** Vagus Nerve Stimulation
  - Colin Roberts, M.D.
- **12:15 p.m.** Responsive Neurostimulation
  - Lia Ernst, M.D.
- **12:45 p.m.** Deep Brain Stimulation: Targets and Evolution
  - Matthew Bradsky, M.D.
- **1:15 p.m.** Break
- **1:30 p.m.** Cadaver Lab Pre-teaching

### Lecture Session 2 - Richard Jones Hall

- **1:45 p.m.** LITT | Temporal Lobectomy
- **5:45 p.m.** Transition/Travel Time

### Evenning - Doernbecher Vey Conference Center

- **6:15 p.m.** Dinner
- **8:30 p.m.** Shuttle Pickup - Return to Hotel

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**Wednesday, April 5**

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