Course Faculty

**COURSE CHAIR**
Kim J. Burchiel, M.D., F.A.C.S. – OHSU Neurological Surgery

**COURSE DIRECTOR**
Ahmed AbdelBar, M.D. – Ain Shams University
Shabbar Danish, M.D. – Rutgers University
Jan Eckermann, M.D. – Kern Medical Center
Steven Falowski, M.D. – St. Luke’s Neurosurgical Associates
Wael Abdel Ghany, M.D. – Ain Shams University
Simon Hanft, M.D. – Rutgers University
Andrew Ko, M.D. – University of Washington
Jonathan Miller, M.D., F.A.A.N.S. – Case Western Reserve University
Ashwin Viswanathan, M.D. – Baylor College of Medicine

**GUEST FACULTY**

Matthew Brodsky, M.D. – Neurological Surgery
William Cameron, Ph.D. – Behavioral Neuroscience
Jeremy Ciporen, M.D. – Neurological Surgery
Colin Roberts, M.D. – Pediatric Neurology
Nathan R. Selden, M.D., Ph.D., F.A.C.S., F.A.A.P. – Neurological Surgery
David Spencer, M.D. – Neurology

**OHSU FACULTY**

Matthew Brodsky, M.D. – Neurology
William Cameron, Ph.D. – Behavioral Neuroscience
Jeremy Ciporen, M.D. – Neurological Surgery
Colin Roberts, M.D. – Pediatric Neurology

**OHSU INSTRUCTORS**

Aly Ibrahim, M.D. – Neurological Surgery
Michael Kinsman, M.D. – Neurological Surgery
Jesse Liu, M.D. – Neurological Surgery
Jeffrey Raskin, M.D. – Neurological Surgery

Course Location

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

**Contact Information**

Department of Neurological Surgery
Center for Health & Healing, CHBN
3303 SW Bond Ave.
Portland, OR 97239

PHONE 503 494-6207
EMAIL nsgeducation@ohsu.edu
www.ohsu.edu/neurosurgery

March 31 - April 2
Oregon Health & Science University
VirtuOHSU Simulation and Surgical Training Center
Portland, Oregon

---

OHSU accepts most health plans.
OHSU is an equal opportunity, affirmative action institution.
Thursday, March 31

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., William Cameron, M.D., Ahmed Raslan, M.D., Nathan Selden, M.D., Ph.D.
8:15 a.m. History and Basis of Stereotaxis
Ahmed Raslan, M.D.
8:45 a.m. Deep Brain Stimulation: Targets and Evolution
Matthew Brodsky, M.D.
9:15 a.m. Asleep CT Guided Deep Brain Stimulation
Kim Burchiel, M.D.
9:45 a.m. Break
10:00 a.m. Stereotactic Ablative Surgeries
Ashwin Viswanathan, M.D.
10:30 a.m. Microelectrode Recording
Jonathan Miller, M.D.
11:00 a.m. Lunch and Group Photo

Lecture Session 2 - Richard Jones Hall
12:00 p.m. Pre-surgical Localization of Epilepsy
David Spencer, M.D.
12:30 p.m. Temporal Lobe Resection(s) in Epilepsy Surgery
Kim Burchiel, M.D.
1:00 p.m. Vagal Nerve Stimulation
Colin Roberts, M.D.
1:20 p.m. RNS in Epilepsy
Peter Weber, M.D.
1:50 p.m. Laser Interstitial Thermal Therapy
Shabbar Danish, M.D.
2:20 p.m. Break
2:30 p.m. Cadaver Lab Pre-teaching

Lab Session 1 - Richard Jones Hall
2:45 p.m. Visualase
Shabbar Danish, M.D., Simon Hanft, M.D.
NexFrames
Aly Ibrahim M.D., Michael Kinsman, M.D., Ashwin Viswanathan, M.D.
NeuroPace
Jesse Liu, M.D., Jeffrey Raskin, M.D., Ahmed Raslan, M.D., Peter Weber M.D.
6:45 p.m. Transition/Travel Time

Evening - Center for Health & Healing
7:30 p.m. OBI Welcome Dinner - Honoring Dr. Kim Burchiel
9:30 p.m. Shuttle Pickup - Return to Hotel

Friday, April 1

Lecture Session 3 - Richard Jones Hall
6:30 a.m. Shuttle pickup @ Residence Inn - Marriott
7:00 a.m. Breakfast
8:00 a.m. Overview of Pain Surgery
Ashwin Viswanathan, M.D.
8:30 a.m. Facial Pain Classification and Pathophysiology
Kim Burchiel, M.D.
9:00 a.m. MVD
Jonathan Miller, M.D.
9:30 a.m. Peripheral Nerve Stimulation
Christopher Winfree, M.D.
10:00 a.m. Break
10:15 a.m. SCS: Basics
Ahmed Raslan, M.D.
10:45 a.m. SCS: Advanced
Steven Falowski, M.D.
11:15 a.m. DREZ Operation
Andrew Ko, M.D.
11:45 a.m. Lunch/Lecture Sponsored by Boston Scientific - Multiple Waveforms and Illumina 3D for Low Back Pain
Jan Eckermann, M.D.

Lecture Session 4 - Richard Jones Hall
12:45 p.m. Spinal Cord Ablation for Pain
Ahmed Raslan, M.D.
1:15 p.m. Rhizotomies for Spinal Pain
Ahmed AbdelBar, M.D.
1:45 p.m. Break
2:00 p.m. Cadaver Lab Pre-teaching

Lab Session 2 - Richard Jones Hall
2:15 p.m. Paddle Spinal Cord Stimulation
Steven Falowski, M.D., Michael Kinsman, M.D., Ashwin Viswanathan, M.D., Chris Winfree, M.D.
Temporal Lobectomy
Kim Burchiel, M.D., Jeremy Ciporen, M.D., Andrew Ko, M.D., Jonathan Miller, M.D., Ahmed Raslan, M.D
6:15 p.m. Transition/Travel Time

Evening - Doernbecher Veý Conference Center
7:00 p.m. Dinner/Lecture Sponsored by St. Jude - Advanced Topics in Neuromodulation
Steven Falowski, M.D.
9:00 p.m. Shuttle Pickup - Return to Hotel

Saturday, April 2

Lecture Session 5 - Richard Jones Hall
6:30 a.m. Shuttle pickup @ Residence Inn - Marriott
(Please bring all belongings with you, residents will leave directly from OHSU to PDX Airport)
7:00 a.m. Breakfast
8:00 a.m. IDDS for Pain and Spasticity
Michael Kinsman, M.D.
8:30 a.m. Peripheral Neurotomy and Rhizotomy for Spasticity
Walid Abdel Ghany, M.D.
9:15 a.m. Brain Computer Interface
Andrew Ko, M.D.
9:45 a.m. Break
10:00 a.m. Cadaver Lab Pre-teaching

Lab Session 3 - Richard Jones Hall
10:15 a.m. DREZ
Michael Kinsman, M.D., Ahmed Raslan, M.D.
MVD
Kim Burchiel, M.D., Jeremy Ciporen, M.D., Andrew Ko, M.D., Jonathan Miller, M.D., Ashwin Viswanathan, M.D.
RF Rhizotomy
Kim Burchiel, M.D., Steven Falowski, M.D., Ahmed Raslan, M.D., Jonathan Miller, M.D., Ashwin Viswanathan, M.D.

12:15 p.m. Lunch
1:00 p.m. DREZ, MVD, RF Rhizotomy Labs Continued
4:00 p.m. Adjourn