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
for Neurosurgeons, Neurologists, and Interventional Pain Specialists

April 3 – 5, 2019
VirtuOHSU Simulation and Surgical Training Center
Portland, Oregon

OHSU is an equal opportunity, affirmative action institution. If you have a disability and need an accommodation to attend or participate in this event please contact nsgeducation@ohsu.edu or 503-494-6207 at least five business days prior to the event.
Wednesday, April 3

LECTURE SESSION 1
7 A.M.  Shuttle pickup
7:15 A.M.  Breakfast and registration
8 A.M.  Welcome and Opening Remarks
  KIM BURCHIEL, M.D., AHMED RASLAN, M.D.,
  NATHAN SELDEN M.D., PH.D.
8:05 A.M.  Current State of Functional Neurosurgery
  JOSHUA ROSENOW, M.D.
8:25 A.M.  Facial Pain Classification and Outcome Measurement
  KIM BURCHIEL, M.D.
8:45 A.M.  Microvascular Decompression for Cranial Nerves
  Compression Syndromes
  JASON SCHWALB, M.D.
9:05 A.M.  Trigeminal Pathway Ablation for Pain
  SHARONA BEN-HAIM, M.D.
9:25 A.M.  Break
9:40 A.M.  Opioid Crisis and Neuromodulation
  CHRISTOPHER WIFREE, M.D.
10:00 A.M.  Spinal Cord Stimulation for Chronic Pain
  STEVEN FALOWSKI, M.D.
10:20 A.M.  Pituitary Ablation for Cancer Pain
  AHMED RASLAN, M.D.
10:40 A.M.  Spinal Ablation for Cancer Pain (Cordotomy,
  Myelotomy, and Tractotomy)
  ASHWIN VISWANATHAN, M.D.
11:00 A.M.  Lunch Lecture – Discovery and Innovation in Functional Neurosurgery
11:20 A.M.  Lunch Lecture – Discovery and Innovation in Functional Neurosurgery
  DIRK DERIDDER, M.D.

LECTURE SESSION 2
12:40 P.M.  Rhizotomies for Spinal Pain
  AHMED ABDELBAR, M.D.
1:00 P.M.  Intrathecal Drug Delivery System (IDDS) for Pain
  ALBERT LEE, M.D.
1:20 P.M.  Dorsal Root Entry Zone (DREZ)
  MICHAEL KINSMAN, M.D.
1:40 P.M.  Management of Peripheral Nerve Neuralgia
  ANDREW ZACEST, M.D.
2:00 P.M.  Break
2:20 P.M.  Cadaver Lab Pre-teaching
  AHMED RASLAN, M.D.

LAB SESSION 1
2:30 P.M.  DREZ | DRG Demo | MVD | Spinal Cord Stimulation | RFL

EVENING EVENTS
6:30 P.M.  Change Clothes
6:45 P.M.  Shuttle Return to Hotel

Thursday, April 4

LECTURE SESSION 3
7 A.M.  Shuttle pickup
7:15 A.M.  Breakfast
8 A.M.  Seizure Medication — Updates on New Drugs
  MARISSA KELLOGG, M.D.
8:25 A.M.  Pre-surgical Localization of Epilepsy
  DAVID SPENCER, M.D.
8:50 A.M.  Insular Epilepsy
  BARBARA JOBST, M.D.
9:15 A.M.  Insular Resection for Epilepsy
  CHENGYUAN WU, M.D., M.S.BM.E.
9:40 A.M.  Responsive Neurostimulation (RNS)
  LIA ERNST, M.D.
10:05 A.M.  Break
10:20 A.M.  SEEG as a Clinical and Research Tool
  JORGE GONZALEZ-MARTINEZ, M.D.
10:45 A.M.  SEEG Outcomes
  LARA JEHI, M.D.
11:10 A.M.  Cortical Dysplasia and Extratemporal Resections in Epilepsy
  KIM BURCHIEL, M.D., PH.D.
11:35 A.M.  Temporal Lobectomy
  WESLEY JENSEN, M.D.
12 P.M.  Lunch
12:25 P.M.  Asleep — DBS using CT
  KELLY FOOTE, M.D.

LECTURE SESSION 4
1:10 P.M.  DBS for Epilepsy
  ROBERT FISHER, M.D., PH.D.
1:35 P.M.  Vagus Nerve Stimulation (VNS)
  COLIN ROBERTS, M.D.
2:00 P.M.  Disconnection Surgery
  JEFFREY RASKIN, M.D.
2:25 P.M.  Break
2:40 P.M.  Anatomy Review and Cadaver Lab Pre-teaching
  ANDREW KO, M.D.

LAB SESSION 2 / HANDS-ON SESSION 1
3:00 P.M.  Neurosurgical Residents
  ALL NEUROSURGICAL FACULTY
  Neurosurgery Residents
  ALL NEUROSURGICAL FACULTY
  LITT | Temporal Lobectomy
  ANDREW KO, M.D.
3:00 P.M.  Neurology Residents
  ALL NEUROLOGY FACULTY
  VNS Programing | RNS Programing | SEEG Planning
  ANDREW KO, M.D.

EVENING EVENTS
6:30 P.M.  Change Clothes | Travel Time
7 P.M.  SFN Course Dinner
9 P.M.  Shuttle Return to Hotel

Friday, April 5

LECTURE SESSION 5
7 A.M.  Shuttle pickup
7:15 A.M.  Breakfast
8 A.M.  Awake DBS
  KIM BURCHIEL, M.D.
8:25 A.M.  Awake DBS
  ERIKA PETERSEN, M.D.
8:50 A.M.  Microelectrode Recording in Functional Neurosurgery
  JONATHAN MILLER, M.D.
9:15 A.M.  Directional DBS
  MATTHEW BRODSKY, M.D.
9:40 A.M.  Break
9:55 A.M.  Closed-loop/Adaptiave DBS and Directional DBS
  KELLY FOOTE, M.D.
10:20 A.M.  DBS for Obesity
  CASEY HALPERN, M.D.
10:45 A.M.  DBS for Psychoaffective Brain Pathways
  SAMEER SHETH, M.D., PH.D.
11:10 A.M.  CNS Ablation in Movement Disorders
  ZEIAD YOUSRY, M.D., M.R.C.S, Ph.D.
11:35 A.M.  Lunch and DBS panel discussion
  ALL NEUROSURGICAL FACULTY

LECTURE SESSION 6 / HANDS-ON SESSION 2
12:55 P.M.  Neurology Residents
  ALL NEUROLOGY FACULTY
  "Course adjourns for neurology learners once hands-on session concludes, approximately 3:00 P.M."
12:55 P.M.  Indirect Neuromodulation in Pediatric CP Hypertonia - The Peripheral Ablation
  WALID ABDEL GHANY, M.D.
1:20 P.M.  IDDS for Spasticity
  ALBERT LEE, M.D.
1:45 P.M.  Functional Cortical and Subcortical Localization
  SEUNGGU JUDE HAN, M.D.
2:10 P.M.  Brain-computer Interface
  ANDREW KO, M.D.
2:35 P.M.  Robotic Functional Neurosurgery
  AHMED RASLAN, M.D.
3:00 P.M.  Break
3:15 P.M.  Cadaver Lab Pre-teaching
  AHMED RASLAN, M.D.

LAB SESSION 3
3:30 P.M.  Neurosurgical Residents
  ALL NEUROSURGICAL FACULTY
  NeuroPace | NexFrame | Planning Targets
  ANDREW KO, M.D.
7:30 P.M.  Course Adjourns