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Delaram Safarpour, M.D. | OHSU NEUROLOGY

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

#### Course Information

Due to the Covid-19 pandemic the  
2021 Stereotactic and Functional  
Neurosurgery course will be held virtually.

#### Contact Information

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*Institute*

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**BRAIN**  
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Stereotactic and Functional  
Neurosurgery Course for  
Neurosurgeons and Neurologists

Thursday, April 1 – Friday, April 2, 2021

# Thursday, April 1

## LECTURE SESSION 1 - Epilepsy

|          |   |
|----------|---|
| 7:20 AM  | <b>Welcome and Opening Remarks</b><br>KIM BURCHIEL, M.D., AHMED RASLAN, M.D.,<br>NATHAN SELDEN, M.D., Ph.D. |
| 7:30 AM  | <b>Pre-surgical Localization of Epilepsy</b><br>DAVID SPENCER, M.D.   |
| 7:50 AM  | <b>Responsive Neurostimulation (RNS)</b><br>LIA ERNST, M.D.   |
| 8:10 AM  | <b>Vagus Nerve Stimulation (VNS)</b><br>COLIN ROBERTS, M.D.   |
| 8:30 AM  | <b>Break / Q&amp;A</b>  |
| 8:45 AM  | <b>DBS for Epilepsy</b><br>DAWN ELIASHIV, M.D.  |
| 9:05 AM  | <b>sEEG as a Clinical and Research Tool<br/>and sEEG Outcomes</b><br>JORGE GONZALEZ-MARTINEZ, M.D.          |
| 9:25 AM  | <b>Functional Localization with Implanted Electrodes</b><br>NATHAN CRONE, M.D.                              |
| 9:45 AM  | <b>Break / Q&amp;A</b>  |
| 10:00 AM | <b>Insular Epilepsy and Insular Resection</b><br>JON WILLIE, M.D., PH.D.                                    |
| 10:20 AM | <b>Temporal Lobe Resection</b><br>JASON SCHWALB, M.D.   |
| 10:40 AM | <b>Cortical Dysplasia and Extratemporal<br/>Resections in Epilepsy</b><br>NATHAN SELDEN, M.D., PH.D.        |
| 11:00 AM | <b>Lunch Break</b>  |
| 11:30 AM | <b>Functional Cortical and Subcortical Localization</b><br>AHMED RASLAN, M.D.                               |
| 11:50 AM | <b>Disconnection Surgery</b><br>JEFFREY RASKIN, M.D.  |
| 12:10 PM | <b>Laser Interstitial Thermal Therapy (LITT)</b><br>SHABBAR DANISH, M.D.                                    |
| 12:30 PM | <b>Break / Q&amp;A</b>  |

## LECTURE SESSION 2 – Pain I

|          |   |
|----------|---|
| 12:45 PM | <b>Facial Pain Classification and Outcome Measurement</b><br>KIM BURCHIEL, M.D.                                     |
| 1:05 PM  | <b>Microvascular Decompression for Cranial Nerves<br/>Compression Syndromes</b><br>CHRISTOPHER HONEY, M.D., D.PHIL. |
| 1:25 PM  | <b>Trigeminal Pathway Ablation for Pain</b><br>AHMED RASLAN, M.D.   |
| 1:45 PM  | <b>Hypophysectomy</b><br>SHARONA BEN-HAIM, M.D.   |
| 2:05 PM  | <b>Break / Q&amp;A</b>  |
| 2:20 PM  | <b>Dorsal Root Entry Zone (DREZ)</b><br>ANDREW KO, M.D.   |
| 2:40 PM  | <b>Cingulotomy for Pain</b><br>IDO STRAUSS, M.D., Ph.D.   |
| 3:00 PM  | <b>Spinal Ablation for Cancer Pain<br/>(Cordotomy, Myelotomy, and Tractomy)</b><br>ASHWIN VISWANATHAN, M.D.         |
| 3:20 PM  | <b>Break / Q&amp;A</b>  |
| 3:35 PM  | <b>Operative Videos and Discussion</b>  |
| 5:00 PM  | <b>Course Adjourns</b>  |

# Friday, April 2

## LECTURE SESSION 3 – Movement Disorders

|         |  |
|---------|--|
| 8:00 AM | <b>Target Selection for Movement Disorder Surgery</b><br>DELARAM SAFARPOUR, M.D. |
| 8:20 AM | <b>CNS Ablation in Movement Disorders</b><br>ZEIAD YOUSRY, M.D., PH.D.           |
| 8:40 AM | <b>High Frequency Ultrasound</b><br>CASEY HALPERN, M.D.                          |
| 9:00 AM | <b>Closed-loop/Adaptive DBS</b><br>KELLY FOOTE, M.D.                             |
| 9:20 AM | <b>Break / Q&amp;A</b>   |

|          |   |
|----------|---|
| 9:35 AM  | <b>Asleep DBS without MER</b><br>KIM BURCHIEL, M.D.   |
| 9:50 AM  | <b>Awake DBS without MER</b><br>ERIKA PETERSEN, M.D.  |
| 10:05 AM | <b>Asleep DBS with MER</b><br>ZVI ISRAEL, M.D.  |
| 10:20 AM | <b>Awake DBS with MER</b><br>JONATHAN MILLER, M.D.  |
| 10:35 AM | <b>Break / Q&amp;A</b>  |
| 10:50 AM | <b>DBS for Psychoaffective Brain Pathways</b><br>SAMEER SHETH, M.D., PH.D.  |
| 11:10 AM | <b>Indirect Neuromodulation in Pediatric CP Hypertonia:<br/>The Peripheral Ablation</b><br>WALID ABDEL GHANY, M.D., Ph.D. |
| 11:30 AM | <b>Intrathecal Drug Delivery System (IDDS) for Pain</b><br>ALBERT LEE, M.D.   |
| 11:50 AM | <b>Lunch Break</b>  |

## LECTURE SESSION 4 – Pain II

|          |   |
|----------|---|
| 12:20 PM | <b>SCS for Pain I (Principles and DRG)</b><br>STEVEN FALOWSKI, M.D.                 |
| 12:40 PM | <b>SCS for Pain II (Advanced Use and Technology)</b><br>JULIE PILITSIS, M.D., PH.D. |
| 1:00 PM  | <b>Peripheral Nerve Stimulation for Pain</b><br>KONSTANTIN SLAVIN, M.D.             |
| 1:20 PM  | <b>Break / Q&amp;A</b>  |
| 1:35 PM  | <b>DBS for Pain</b><br>JOSHUA ROSENOW, M.D.   |
| 1:55 PM  | <b>IDDS for Pain and Spasticity</b><br>MICHAEL KINSMAN, M.D.                        |
| 2:15 PM  | <b>Break / Q&amp;A</b>  |
| 2:30 PM  | <b>Operative Videos and Discussion</b>  |
| 5:00 PM  | <b>Course Adjourns</b>  |

*All times are listed in Pacific Standard Time*