

Lecture Schedule
 UTHealth Neuroscience Research Center
Current Topics in the Neurobiology of Disease- GS14 1021
Neuromodulation: Principles, Methods and Clinical Applications
Tuesdays 12:00 p.m. – 1:00 p.m., MSB 7.037
Open to graduate and medical students, postdoctoral fellows, and residents.

Fall 2019	Topics/Titles	Speaker
August 27	<i>Principles and Methods of Neuromodulation - general principles and current methods</i>	Nicola Riccardo Polizzotto, M.D. - Assistant Professor, Psychiatry and Behavioral Sciences, UTHealth
September 3	<i>Principles and Methods of Neuromodulation - limitations and emerging approaches</i>	Nicola Riccardo Polizzotto, M.D. - Assistant Professor, Psychiatry and Behavioral Sciences, UTHealth
September 10	<i>Neuromodulation to promote spinal cord functional recovery</i>	Dimitry Sayenko, M.D., Ph.D. - Assistant Professor, Department of Neurosurgery, Institute for Academic Medicine, Houston Methodist
September 17	<i>Neuromodulation to promote functional recovery</i>	Nuray Yozbatiran, PT, Ph.D., Assistant Professor, Dept. of Physical Medicine and Rehabilitation, NeuroRecovery Research Center at TIRR Memorial Hermann, Neuromodulation and Neural Interfaces Laboratory
September 24	<i>RNS (NeuroPace) for Epilepsy Treatment</i>	Sameer Anil Sheth, M.D., Ph.D. - Associate Professor, Vice-Chair of Clinical Research, Department of Neurosurgery, BCM
October 1	<i>Principles and Clinical Applications of Transcranial Direct Current Stimulation (tDCS)</i>	Hyochol "Brian" Ahn, PhD, RN, MSN, MS-ECE, MS-CTS, ANP-BC - Theodore J. and Mary E. Trumble Professor in Aging Research; Associate Professor –Cizik School of Nursing, UTHealth
October 8	<i>Principles and Clinical Applications of Transcranial Magnetic Stimulation (TMS)</i>	Bobby R. Nix, M.D. - Associate Professor, Vice Chair for Clinical Affairs, Department of Psychiatry and Behavioral Sciences, Director, UT Physicians Behavioral Health Outpatient Services, UTHealth
October 15	<i>Principles and Clinical Applications of Electroconvulsive Therapy (ECT)</i>	Salih Selek, M.D.- Associate Professor, Department of Psychiatry and Behavioral Sciences, UTHealth
October 22	<i>No Class- SfN Conference</i>	
October 29	<i>Neuromodulation for Pain Management</i>	Sheng Li, M.D., Ph.D., Professor, Department of Physical Medicine and Rehabilitation; Attending Physician, TIRR Memorial Hermann Hospital, Director, Neurorehabilitation Research Laboratory
November 5	<i>Vagus Nerve Stimulation for Epilepsy Treatment</i>	Nitin Tandon, M.D. - Professor, The Vivian L. Smith Department of Neurosurgery, UTHealth
November 12	<i>Vagus Nerve Stimulation for Major Depressive Disorder Treatment</i>	Ryan Verner, Ph.D. - Medical Affairs and Research Manager, Neuromodulation, LivaNova, Inc., 100 Cyberonics Boulevard Houston, TX 77058 USA
November 19	<i>Deep-Brain Stimulation for Parkinson Disease Treatment</i>	Raja Mehanna, M.D. - Assistant Professor, Neurology, UTHealth
November 26	<i>Thanksgiving – No Class</i>	
December 3	<i>Deep-Brain Stimulation for Obsessive-Compulsive Disorder (OCD) Treatment</i>	Wayne Goodman, M.D. - D. C. and Irene Ellwood Chair in Psychiatry; Professor, Menninger Department of Psychiatry and Behavioral Sciences, BCM
December 10	<i>Deep-Brain Stimulation for Major Depressive Disorder Treatment</i>	Albert J. Fenoy, M.D. - Associate Professor, The Vivian L. Smith Department of Neurosurgery, UTHealth
December 17	<i>Pharmacological Neuromodulation with Ketamine</i>	Sanjay Johan Mathew, M.D. - Marjorie Bintliff Johnson and Raleigh White Johnson, Jr. Chair for Research in Psychiatry, BCM