

# Neuroscience

## MS1 - COM 551 - Spring 2017-18

1/3/2018

| Weeks         | Date               | Time             | Title   | Faculty           |
|---------------|--------------------|------------------|---|-------------------|
| <b>Week 1</b> |                    |                  |   |                   |
|               | Monday, 1/8/2018   | 8:00 - 9:00 am   | Introduction to Neuroscience                  | Forshing Lui      |
|               | Monday, 1/8/2018   | 9:00 - 10:00 am  | Organization of the Nervous System            | Mukarram Uddin    |
|               | Monday, 1/8/2018   | 10:00 - 11:00 am | <b>CP: Numbness / Tingling</b>                | Rochelle Frank    |
|               | Monday, 1/8/2018   | 11:00 - 12:00 pm | Scalp, and Face                               | Mukarram Uddin    |
|               | Monday, 1/8/2018   | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                   |
|               | Monday, 1/8/2018   | 1:00 - 2:00pm    | Somatosensory physiology (I)                  | Rochelle Frank    |
|               | Monday, 1/8/2018   | 2:00 - 3:00 pm   | Somatosensory physiology (II)                 | Rochelle Frank    |
|               | Monday, 1/8/2018   | 3:00 - 4:00 pm   | Electrical signaling and action potentials I  | Jose Puglisi      |
|               | Monday, 1/8/2018   | 4:00 - 5:00 pm   | Electrical signaling and action potentials II | Jose Puglisi      |
|               |                    |                  |   |                   |
|               | Tuesday, 1/9/18    | 8:00 - 9:00 am   | Embryology of the CNS                         | Nripendra Dhillon |
|               | Tuesday, 1/9/18    | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>                            | Anatomy Faculty   |
|               | Tuesday, 1/9/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                   |
|               | Tuesday, 1/9/18    | 1:00 - 2:00 pm   | Congenital Malformations of the CNS           | Nripendra Dhillon |
|               | Tuesday, 1/9/18    | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>                            | Anatomy Faculty   |
|               |                    |                  |   |                   |
|               | Wednesday, 1/10/18 | 8:00 - 9:00 am   | Direct synaptic transmission                  | Jose Puglisi      |
|               | Wednesday, 1/10/18 | 9:00 - 10:00 am  | Indirect synaptic transmission                | Jose Puglisi      |
|               | Wednesday, 1/10/18 | 10:00 - 11:00 am | Histology of the CNS (I)                      | Nazila Hejazi     |
|               | Wednesday, 1/10/18 | 11:00 - 12:00 pm | Histology of the CNS (II)                     | Nazila Hejazi     |
|               | Wednesday, 1/10/18 | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                   |
|               | Wednesday, 1/10/18 | 1:00 - 4:00 pm   | SSDSP Introduction                            |                   |
|               | Wednesday, 1/10/18 | 4:00 - 5:00 pm   | <b>Self Study</b>                             |                   |
|               |                    |                  |   |                   |
|               | Thursday, 1/11/18  | 8:00 - 9:00 am   | Cellular Pathology of the CNS                 | Guy diSibio       |
|               | Thursday, 1/11/18  | 9:00 - 10:00 am  | Anatomy and tracts of the Spinal Cord         | Mukarram Uddin    |
|               | Thursday, 1/11/18  | 10:00 12:00 pm   | <b>Medical Skills/ Self Study</b>             |                   |
|               | Thursday, 1/11/18  | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                   |
|               | Thursday, 1/11/18  | 1:00 - 3:00 pm   | <b>Medical Skills/ Self Study</b>             |                   |

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|               | Thursday, 1/11/18      | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                                |                  |
|               |                        |                  |  |                  |
|               | Friday, 1/12/18        | 8:00 - 9:00 am   | Temporal and Infratemporal Region, Pterygopalatine fossa anatomy | Mukarram Uddin   |
|               | Friday, 1/12/18        | 9:00 - 10:00 am  | Parotid gland region and facial nerve anatomy                    | Mukarram Uddin   |
|               | Friday, 1/12/18        | 10:00 - 12:00 pm | <b>Clinical Case</b>   |                  |
|               | Friday, 1/12/18        | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Friday, 1/12/18        | 1:00 - 2:30 pm   | Brachial plexus review   | Forshing Lui     |
|               | Friday, 1/12/18        | 2:30 - 5:00 pm   | <b>Self Study</b>  |                  |
|               |                        |                  |  |                  |
| <b>Week 2</b> |                        |                  |  |                  |
|               | <b>Monday, 1/15/18</b> | <b>N/A</b>       | <b>HOLIDAY - MLK Day</b>   |                  |
|               |                        |                  |  |                  |
|               | Tuesday, 1/16/18       | 8:00 - 9:00 am   | <b>CP: Weakness / Paralysis</b>                                  | Rochelle Frank   |
|               | Tuesday, 1/16/18       | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>   | Anatomy Faculty  |
|               | Tuesday, 1/16/18       | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Tuesday, 1/16/18       | 1:00 - 2:00 pm   | Motor System Physiology I  | Forshing Lui     |
|               | Tuesday, 1/16/18       | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>   | Anatomy Faculty  |
|               |                        |                  |  |                  |
|               | Wednesday, 1/17/18     | 8:00 - 10:00 am  | <b>Masters Colloquium</b>  |                  |
|               | Wednesday, 1/17/18     | 10:00 - 11:00 am | Hereditary and Degenerative Diseases affecting Motor Neurons     | Rochelle Frank   |
|               | Wednesday, 1/17/18     | 11:00 - 12:00 pm | Infectious causes of paralysis/weakness                          | Nehad El-Sawi    |
|               | Wednesday, 1/17/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Wednesday, 1/17/18     | 1:00 - 2:00 pm   | Autoimmune Diseases of the Nervous System                        | Susan Ely        |
|               | Wednesday, 1/17/18     | 2:00 - 3:00 pm   | Pathology of Neuropathy and Demyelinating Disorders              | Raj Ramsamooj    |
|               | Wednesday, 1/17/18     | 3:00 - 4:00 pm   | Peripheral Neuropathy - clinical aspects                         | Rochelle Frank   |
|               | Wednesday, 1/17/18     | 4:00 - 5:00 pm   | Demyelinating diseases of the CNS - clinical aspects             | Forshing Lui     |
|               |                        |                  |  |                  |
|               | Thursday, 1/18/18      | 8:00 - 9:00 am   | Pharm. Management of MS  | Valerie Gerriets |
|               | Thursday, 1/18/18      | 9:00 - 10:00 am  | EMG/NCV  | Rochelle Frank   |
|               | Thursday, 1/18/18      | 10:00 - 12:00 pm | <b>Medical Skills/ Self Study</b>                                |                  |
|               | Thursday, 1/18/18      | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Thursday, 1/18/18      | 1:00 - 3:00 PM   | <b>Medical Skills / Self Study</b>                               |                  |
|               | Thursday, 1/18/18      | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                                |                  |
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|               | Friday, 1/19/18    | 8:00 - 10:00 am  | Anatomy of the Brainstem and Cranial Nerves                         | Alan Ernst        |
|               | Friday, 1/19/18    | 10:00 - 12:00 pm | <b>Clinical Cases</b>   |                   |
|               | Friday, 1/19/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                   |
|               | Friday, 1/19/18    | 1:00 - 2:00 pm   | <b>Admission Interview</b>  |                   |
|               | Friday, 1/19/18    | 2:00 - 5:00 pm   | <b>Case Conference I - Sensory and motor tracts (2:45 - 4:45pm)</b> | Forshing Lui      |
|               |                    |                  |   |                   |
| <b>Week 3</b> |                    |                  |   |                   |
|               | Monday, 1/22/18    | 8:00 - 9:00 am   | <b>CP: Movement disorders</b>                                       | Forshing Lui      |
|               | Monday, 1/22/18    | 9:00 - 10:00 am  | Neuroanatomy of Basal Ganglia                                       | Alan Ernst        |
|               | Monday, 1/22/18    | 10:00 - 11:00 am | Neuroanatomy of Cerebellum  | Alan Ernst        |
|               | Monday, 1/22/18    | 11:00 - 12:00 pm | Autonomic Nervous System - Refresher                                | Alan Ernst        |
|               | Monday, 1/22/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                   |
|               | Monday, 1/22/18    | 1:00 - 2:00 pm   | Anatomy of the Cerebrum   | Mukarram Uddin    |
|               | Monday, 1/22/18    | 2:00 - 3:00 pm   | Cranial Nerves Disorders  | Forshing Lui      |
|               | Monday, 1/22/18    | 3:00 - 5:00 pm   | <b>Self Study</b>   |                   |
|               |                    |                  |   |                   |
|               | Tuesday, 1/23/18   | 8:00 - 9:00 am   | Motor System Physiology II  | Forshing Lui      |
|               | Tuesday, 1/23/18   | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>  | Anatomy Faculty   |
|               | Tuesday, 1/23/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                   |
|               | Tuesday, 1/23/18   | 1:00 - 2:00 pm   | Motor System Physiology III   | Forshing Lui      |
|               | Tuesday, 1/23/18   | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>  | Anatomy Faculty   |
|               |                    |                  |   |                   |
|               | Wednesday, 1/24/18 | 8:00 - 9:00 am   | Neuroimaging I - normal CT/MRI of the CNS                           | Michael Ibrahim   |
|               | Wednesday, 1/24/18 | 9:00 - 10:00am   | Neuroimaging II - normal CT/MRI of the CNS                          | Michael Ibrahim   |
|               | Wednesday, 1/24/18 | 10:00 - 11:00 am | Neurochemistry of dopamine and Glutamine                            | Hugo Arias        |
|               | Wednesday, 1/24/18 | 11:00 - 12:00 pm | Neurochemistry of Gaba and Glycine                                  | Hugo Arias        |
|               | Wednesday, 1/24/18 | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                   |
|               | Wednesday, 1/24/18 | 1:00 - 2:00 pm   | Embryology of the CNS II  | Nripendra Dhillon |
|               | Wednesday, 1/24/18 | 2:00 - 3:00 pm   | Embyology of face and pharyngeal arches                             | Nripendra Dhillon |
|               | Wednesday, 1/24/18 | 3:00 - 4:00 pm   | Basal ganglia disorders   | Forshing Lui      |
|               | Wednesday, 1/24/18 | 4:00 - 5:00 pm   | <b>Self Study</b>   |                   |
|               |                    |                  |   |                   |
|               | Thursday, 1/25/18  | 8:00 - 10:00 am  | Pharm. manag. of movement disorders                                 | Hugo Arias        |
|               | Thursday, 1/25/18  | 10:00 - 12:00 pm | <b>Medical Skills/ Self Study</b>                                   |                   |

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|               | Thursday, 1/25/18  | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Thursday, 1/25/18  | 1:00 - 3:00 pm   | <b>Medical Skills/ Self Study</b>                              |                  |
|               | Thursday, 1/25/18  | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                              |                  |
|               |                    |                  |  |                  |
|               | Friday, 1/26/18    | 8:00 - 9:00 am   | <b>CP: Gait Disturbances</b>                                   | Forshing Lui     |
|               | Friday, 1/26/18    | 9:00 - 10:00 am  | Spinal Cord Syndromes  | Alan Ernst       |
|               | Friday, 1/26/18    | 10:00 - 12:00 pm | <b>Clinical Case</b>   |                  |
|               | Friday, 1/26/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Friday, 1/26/18    | 1:00 - 3:00 pm   | <b>Case Conference II - Brainstem and Movement Disorders</b>   | Forshing Lui     |
|               | Friday, 1/26/18    | 3:00 - 5:00 pm   | <b>Self Study</b>  |                  |
|               |                    |                  |  |                  |
| <b>Week 4</b> |                    |                  |  |                  |
|               | Monday, 1/29/18    | 8:00 - 11:00 am  | <b>Summative Mid-Course Exam I</b>                             |                  |
|               | Monday, 1/29/18    | 11:00 - 12:00 pm | <b>CP: Stroke/Transient ischemic attack (TIA)</b>              | Forshing Lui     |
|               | Monday, 1/29/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Monday, 1/29/18    | 1:00 - 2:00 pm   | Anatomy of Blood Supply to the CNS                             | Alan Ernst       |
|               | Monday, 1/29/18    | 2:00 - 3:00 pm   | Anatomy of the Diencephalon                                    | Alan Ernst       |
|               | Monday, 1/29/18    | 3:00 - 4:00 pm   | Cerebral blood flow, cerebrospinal fluid, and brain metabolism | Ishwarlal Jialal |
|               | Monday, 1/29/18    | 4:00 - 5:00 pm   | <b>Self Study</b>  |                  |
|               |                    |                  |  |                  |
|               | Tuesday, 1/30/18   | 8:00 - 9:00 am   | Pathology of Cerebrovascular Diseases I                        | Nazila Hejazi    |
|               | Tuesday, 1/30/18   | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>   | Anatomy Faculty  |
|               | Tuesday, 1/30/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Tuesday, 1/30/18   | 1:00 - 2:00 pm   | Pathology of Cerebrovascular Diseases II                       | Nazila Hejazi    |
|               | Tuesday, 1/30/18   | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>   | Anatomy Faculty  |
|               |                    |                  |  |                  |
|               | Wednesday, 1/31/18 | 8:00 - 10:00 am  | <b>Masters Colloquium</b>                                      |                  |
|               | Wednesday, 1/31/18 | 10:00 - 11:00 pm | Stroke - Cerebral stroke syndromes                             | Alan Ernst       |
|               | Wednesday, 1/31/18 | 11:00 - 12:00pm  | Brainstem Stroke Syndromes                                     | Alan Ernst       |
|               | Wednesday, 1/31/18 | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Wednesday, 1/31/18 | 1:00 - 2:00 pm   | Management of Acute Stroke (I)                                 | Forshing Lui     |
|               | Wednesday, 1/31/18 | 2:00 - 3:00 pm   | Management of Acute Stroke (II)                                | Forshing Lui     |
|               | Wednesday, 1/31/18 | 3:00 - 5:00 pm   | <b>Self Study</b>  |                  |
|               |                    |                  |  |                  |

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|               | Thursday, 2/1/18  | 8:00 - 9:00 am   | Secondary stroke prevention                           | Forshing Lui       |
|               | Thursday, 2/1/18  | 9:00 - 10:00 am  | <b>CP: Spinal Trauma</b>                              | Leonard Ranasinghe |
|               | Thursday, 2/1/18  | 10:00 - 12:00 pm | <b>Medical Skills/ Self Study</b>                     |                    |
|               | Thursday, 2/1/18  | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                    |
|               | Thursday, 2/1/18  | 1:00 - 3:00 pm   | <b>Medical Skills/ Self Study</b>                     |                    |
|               | Thursday, 2/1/18  | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                     |                    |
|               |                   |                  |   |                    |
|               | Friday, 2/2/18    | 8:00 - 9:00 am   | <b>CP: Brain trauma (Traumatic Brain Injury; TBI)</b> | Leonard Ranasinghe |
|               | Friday, 2/2/18    | 9:00 - 10:00 am  | Pathology of Brain and Spine Trauma                   | Scott Braley       |
|               | Friday, 2/2/18    | 10:00 - 12:00 pm | <b>Clinical Case</b>                                  |                    |
|               | Friday, 2/2/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                    |
|               | Friday, 2/2/18    | 1:00 - 3:00 pm   | <b>Case Conference III - Vascular</b>                 | Forshing Lui       |
|               | Friday, 2/2/18    | 3:00 - 5:00 pm   | <b>Self Study</b>                                     |                    |
|               |                   |                  |   |                    |
| <b>Week 5</b> |                   |                  |   |                    |
|               | Monday, 2/5/18    | 8:00 - 9:00am    | <b>CP: Headaches</b>                                  | Rochelle Frank     |
|               | Monday, 2/5/18    | 9:00 - 10:00 am  | Primary and Secondary Headaches                       | Rochelle Frank     |
|               | Monday, 2/5/18    | 10:00 - 11:00 am | Meninges, Ventricles and CSF                          | Alan Ernst         |
|               | Monday, 2/5/18    | 11:00 - 12:00 pm | Pharm. manag. of migraines: Acute Therapy             | Hugo Arias         |
|               | Monday, 2/5/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                    |
|               | Monday, 2/5/18    | 1:00 - 2:00 pm   | Pharm. manag. of migraines: Prevention                | Hugo Arias         |
|               | Monday, 2/5/18    | 2:00 - 5:00 pm   | <b>Self Study</b>                                     |                    |
|               |                   |                  |   |                    |
|               | Tuesday, 2/6/18   | 8:00 - 9:00 am   | Increased ICP and herniation syndromes                | Aliabadi           |
|               | Tuesday, 2/6/18   | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>                                    | Anatomy Faculty    |
|               | Tuesday, 2/6/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                    |
|               | Tuesday, 2/6/18   | 1:00 - 2:00 pm   | Neurochemistry of Acetylcholine                       | Hugo Arias         |
|               | Tuesday, 2/6/18   | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>                                    | Anatomy Faculty    |
|               |                   |                  |   |                    |
|               | Wednesday, 2/7/18 | 8:00 - 9:00 am   | Tumors of the Nervous System I                        | Nazila Hejazi      |
|               | Wednesday, 2/7/18 | 9:00 - 10:00 am  | Tumor of the Nervous System II                        | Nazila Hejazi      |
|               | Wednesday, 2/7/18 | 10:00 - 12:00 pm | CNS Pathogens I                                       | Nehad Elsawi       |
|               | Wednesday, 2/7/18 | 12:00 - 1:00 pm  | <b>LUNCH</b>  |                    |
|               | Wednesday, 2/7/18 | 1:00 - 5:00 pm   | <b>Self Study</b>                                     |                    |

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|               |                    |                  |  |                  |
|               | Thursday, 2/8/18   | 8:00 - 9:00 am   | CNS Pathogens II                               | Nehad Elsawi     |
|               | Thursday, 2/8/18   | 9:00 - 10:00 am  | CNS Pathogens III                              | Nehad Elsawi     |
|               | Thursday, 2/8/18   | 10:00 - 12:00 pm | <b>Medical Skills/ Biostat Lab</b>             |                  |
|               | Thursday, 2/8/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>                                   |                  |
|               | Thursday, 2/8/18   | 1:00 - 3:00 pm   | <b>Medical Skills/ Biostat Lab</b>             |                  |
|               | Thursday, 2/8/18   | 3:00 - 5:00 pm   | <b>Medical Skills/ Biostat Lab</b>             |                  |
|               |                    |                  |  |                  |
|               | Friday, 2/9/18     | 8:00 - 9:00 am   | CNS Pathogens IV                               | Elsawi           |
|               | Friday, 2/9/18     | 9:00 - 10:00 am  | Pharmacologic management of meningitis         | Valerie Gerriets |
|               | Friday, 2/9/18     | 10:00 - 12:00 pm | <b>Clinical Case</b>                           |                  |
|               | Friday, 2/9/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>                                   |                  |
|               | Friday, 2/9/18     | 1:00 - 5:00 pm   | <b>Anatomy Mid-course Summative Exam</b>       |                  |
|               |                    |                  |  |                  |
| <b>Week 6</b> |                    |                  |  |                  |
|               | Monday, 2/12/18    | 8:00 - 12:00 pm  | <b>Summative Mid-Course Exam II</b>            |                  |
|               | Monday, 2/12/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>                                   |                  |
|               | Monday, 2/12/18    | 1:00 - 2:00 pm   | Anatomy of the hippocampus and limbic system   | Alan Ernst       |
|               | Monday, 2/12/18    | 2:00 - 3:00 pm   | <b>CP: Dementia</b>                            | Forshing Lui     |
|               | Monday, 2/12/18    | 3:00 - 4:00 pm   | Dementing Disorders - Clinical Aspects         | Forshing Lui     |
|               | Monday, 2/12/18    | 4:00 - 5:00 pm   | Dementing Disorders (Lui)/CSF analysis         | Lui / Jialal     |
|               |                    |                  |  |                  |
|               | Tuesday, 2/13/18   | 8:00 - 9:00 am   | <b>CP: Seizure</b>                             | Rochelle Frank   |
|               | Tuesday, 2/13/18   | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>                             | Anatomy Faculty  |
|               | Tuesday, 2/13/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>                                   |                  |
|               | Tuesday, 2/13/18   | 1:00 - 2:00 pm   | Seizure Disorders                              | Rochelle Frank   |
|               | Tuesday, 2/13/18   | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>                             | Anatomy Faculty  |
|               |                    |                  |  |                  |
|               | Wednesday, 2/14/18 | 8:00 - 10:00 am  | <b>Masters Colloquium</b>                      |                  |
|               | Wednesday, 2/14/18 | 10:00 - 11:00 am | Pathology of Neurodegenerative Disorders I     | Guy diSibio      |
|               | Wednesday, 2/14/18 | 11:00 - 12:00 pm | Pathology of Neurodegenerative Disorders II    | Guy diSibio      |
|               | Wednesday, 2/14/18 | 12:00 - 1:00 pm  | <b>LUNCH</b>                                   |                  |
|               | Wednesday, 2/14/18 | 1:00 - 3:00 pm   | Pharmacologic Management of dementias I and II | Hugo Arias       |
|               | Wednesday, 2/14/18 | 3:00 - 4:00 pm   | EEG  | Rochelle Frank   |

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|               | Wednesday, 2/14/18 | 4:00 - 5:00 pm   | <b>Self Study</b>  |                    |
|               |                    |                  |  |                    |
|               | Thursday, 2/15/18  | 8:00 - 9:00 am   | Neurodevelopmental disorders I                                       | Forshing Lui       |
|               | Thursday, 2/15/18  | 9:00 - 10:00 am  | Pharmacological Management of Seizures I                             | Hugo Arias         |
|               | Thursday, 2/15/18  | 10:00 - 12:00 pm | <b>Medical Skills / Self Study</b>                                   |                    |
|               | Thursday, 2/15/18  | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Thursday, 2/15/18  | 1:00 - 3:00 pm   | <b>Medical Skills / Self Study</b>                                   |                    |
|               | Thursday, 2/15/18  | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                                    |                    |
|               |                    |                  |  |                    |
|               | Friday, 2/16/18    | 8:00 - 9:00 am   | Pharmacologic management of seizures II                              | Hugo Arias         |
|               | Friday, 2/16/18    | 9:00 - 10:00 am  | Pharmacologic management of seizures III                             | Hugo Arias         |
|               | Friday, 2/16/18    | 10:00 - 12:00 pm | <b>Clinical Case</b>   |                    |
|               | Friday, 2/16/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Friday, 2/16/18    | 1:00 - 3:00 pm   | <b>Case Conference IV - Higher cortical functions</b>                | Forshing Lui       |
|               | Friday, 2/16/18    | 3:00 - 5:00 pm   | <b>Self Study</b>  |                    |
|               |                    |                  |  |                    |
| <b>Week 7</b> |                    |                  |  |                    |
|               | Monday, 2/19/18    | 8:00 - 9:00 am   | <b>CP: Visual Loss</b>   | Dr. Martel         |
|               | Monday, 2/19/18    | 9:00 - 10:00 am  | <b>CP: Pupillary abnormalities</b>                                   | Dr. Martel         |
|               | Monday, 2/19/18    | 10:00 - 11:00 am | <b>CP: Strabismus and Diploma</b>                                    | Dr. Martel         |
|               | Monday, 2/19/18    | 11:00 - 12:00 pm | <b>CP: Eye Redness</b>   | Dr. Martel         |
|               | Monday, 2/19/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Monday, 2/19/18    | 1:00 - 2:00 pm   | Physiology of the eye  | Michael Ibrahim    |
|               | Monday, 2/19/18    | 2:00 - 3:00 pm   | Physiology of the retina   | Michael Ibrahim    |
|               | Monday, 2/19/18    | 3:00 - 5:00 pm   | <b>Self Study</b>  |                    |
|               |                    |                  |  |                    |
|               | Tuesday, 2/20/18   | 8:00 - 9:00 am   | Embryology of the Eye, Ear and Olfactory Apparatus                   | Nripendra Dhillon  |
|               | Tuesday, 2/20/18   | 9:00 - 12:00pm   | <b>Anatomy Lab</b>   | Anatomy Faculty    |
|               | Tuesday, 2/20/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Tuesday, 2/20/18   | 1:00 - 2:00 pm   | Anatomy and histology of the eye, olfactory and gustatory systems I  | Nripendra Dhillon  |
|               | Tuesday, 2/20/18   | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>   | Anatomy Faculty    |
|               |                    |                  |  |                    |
|               | Wednesday, 2/21/18 | 8:00 - 9:00 am   | Anatomy and histology of the eye, olfactory and gustatory systems II | Nripendra Dhillon  |
|               | Wednesday, 2/21/18 | 9:00 - 10:00 am  | Pathology of vision loss I   | Martel & Ramsamooj |

|               |                        |                  |  |                    |
|---------------|------------------------|------------------|--|--------------------|
|               | Wednesday, 2/21/18     | 10:00 - 11:00 am | Pathology of vision loss II  | Martel & Ramsamooj |
|               | Wednesday, 2/21/18     | 11:00 - 12:00 pm | Physiology of olfactory and gustatory systems                        | Tracy Yarbrough    |
|               | Wednesday, 2/21/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Wednesday, 2/21/18     | 1:00 - 2:00 pm   | <b>CP: Taste &amp; Smell Disorders</b>                               | Forshing Lui       |
|               | Wednesday, 2/21/18     | 2:00 - 5:00 pm   | <b>Self Study</b>  |                    |
|               |                        |                  |  |                    |
|               | Thursday, 2/22/18      | 8:00 - 9:00 am   | Immune-mediated Red Eye  | Guy diSibio        |
|               | Thursday, 2/22/18      | 9:00 - 10:00 am  | Eye infections and pharm. management                                 | Nehad Elsawi       |
|               | Thursday, 2/22/18      | 10:00 - 12:00 pm | <b>Medical Skills/ Biostat Lab</b>                                   |                    |
|               | Thursday, 2/22/18      | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Thursday, 2/22/18      | 1:00 - 3:00 pm   | <b>Medical Skills/ Biostat Lab</b>                                   |                    |
|               | Thursday, 2/22/18      | 3:00 - 5:00 pm   | <b>Medical Skills/ Biostat Lab</b>                                   |                    |
|               |                        |                  |  |                    |
|               | Friday, 2/23/18        | 8:00 - 9:00 am   | Pharm. Management of Glaucoma  | Michael Ibrahim    |
|               | Friday, 2/23/18        | 9:00 - 10:00 am  | Pharm. Management of Macular Degeneration                            | Michael Ibrahim    |
|               | Friday, 2/23/18        | 10:00 - 12:00 pm | <b>Clinical Case</b>   |                    |
|               | Friday, 2/23/18        | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Friday, 2/23/18        | 1:00 - 2:00 pm   | <b>Review (optional)</b>   | Forshing Lui       |
|               | Friday, 2/23/18        | 2:00 - 5:00 pm   | <b>Self Study</b>  |                    |
|               |                        |                  |  |                    |
| <b>Week 8</b> |                        |                  |  |                    |
|               | <b>Monday, 2/26/18</b> | <b>N/A</b>       | <b>HOLIDAY - President's Day</b>                                     |                    |
|               |                        |                  |  |                    |
|               | Tuesday, 2/27/18       | 8:00 - 9:00 am   | <b>CP: Altered Mental Status and Coma</b>                            | Rochell Frank      |
|               | Tuesday, 2/27/18       | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>   | Anatomy Faculty    |
|               | Tuesday, 2/27/18       | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Tuesday, 2/27/18       | 1:00 - 2:00 pm   | Environmental and metabolic causes of altered mental status and coma | Rochell Frank      |
|               | Tuesday, 2/27/18       | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>   | Anatomy Faculty    |
|               |                        |                  |  |                    |
|               | Wednesday, 2/28/18     | 8:00 - 10:00 am  | <b>Master Colloquium</b>   |                    |
|               | Wednesday, 2/28/18     | 10:00 - 11:00 am | Reticular formation and ascending reticular activating system        | Alan Ernst         |
|               | Wednesday, 2/28/18     | 11:00 - 12:00 pm | IV Anesthetics   | Hugo Arias         |
|               | Wednesday, 2/28/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                    |
|               | Wednesday, 2/28/18     | 1:00 - 2:00 pm   | Inhalational anesthetics   | Hugo Arias         |



|               |                    |                  |  |                  |
|---------------|--------------------|------------------|--|------------------|
|               | Wednesday, 2/28/18 | 2:00 - 5:00 pm   | <b>Self Study</b>                                    |                  |
|               |                    |                  |  |                  |
|               | Thursday, 3/1/18   | 8:00 - 9:00 am   | Neurodevelopmental disorders II                      | Forshing Lui     |
|               | Thursday, 3/1/18   | 9:00 - 10:00 am  | Toxic and Acquired Metabolic Diseases                | Guy diSibio      |
|               | Thursday, 3/1/18   | 10:00 - 12:00 pm | <b>Medical Skills/ Self Study</b>                    |                  |
|               | Thursday, 3/1/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Thursday, 3/1/18   | 1:00 - 3:00 pm   | <b>Medical Skills/ Self Study</b>                    |                  |
|               | Thursday, 3/1/18   | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>                    |                  |
|               |                    |                  |  |                  |
|               | Friday, 3/2/18     | 8:00 - 10:00 am  | Anatomy of the auditory and vestibular systems       | Alan Ernst       |
|               | Friday, 3/2/18     | 10:00 - 12:00 pm | <b>Clinical Case</b>                                 |                  |
|               | Friday, 3/2/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Friday, 3/2/18     | 1:00 - 2:00 pm   | <b>Admission Interview</b>                           |                  |
|               | Friday, 3/2/18     | 2:00 - 3:00 pm   | <b>Review (optional)</b>                             | Lui              |
|               | Friday, 3/2/18     | 3:00 - 5:00 pm   | <b>Self Study</b>                                    |                  |
|               |                    |                  |  |                  |
| <b>Week 9</b> |                    |                  |  |                  |
|               | Monday, 3/5/18     | 8:00 - 9:00 am   | <b>CP: Dizziness / Vertigo</b>                       | Forshing Lui     |
|               | Monday, 3/5/18     | 9:00 - 10:00 am  | <b>CP: Hearing loss and Tinnitus</b>                 | Sambandam Elango |
|               | Monday, 3/5/18     | 10:00 - 11:00 am | <b>CP: Ear pain</b>                                  | Sambandam Elango |
|               | Monday, 3/5/18     | 11:00 - 12:00 pm | Physiology of the auditory and vestibular systems I  | Jose Puglisi     |
|               | Monday, 3/5/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Monday, 3/5/18     | 1:00 - 5:00 pm   | <b>Self Study</b>                                    |                  |
|               |                    |                  |  |                  |
|               | Tuesday, 3/6/18    | 8:00 - 9:00 am   | <b>Self Study</b>                                    |                  |
|               | Tuesday, 3/6/18    | 9:00 - 12:00 pm  | <b>Anatomy Lab</b>                                   | Anatomy Faculty  |
|               | Tuesday, 3/6/18    | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |
|               | Tuesday, 3/6/18    | 1:00 - 2:00 pm   | Physiology of the auditory and vestibular systems II | Jose Puglisi     |
|               | Tuesday, 3/6/18    | 2:00 - 5:00 pm   | <b>Anatomy Lab</b>                                   | Anatomy Faculty  |
|               |                    |                  |  |                  |
|               | Wednesday, 3/7/18  | 8:00 - 10:00 am  | <b>Master Colloquium</b>                             |                  |
|               | Wednesday, 3/7/18  | 10:00 - 11:00 am | Disorders causing dizziness/vertigo                  | Forshing Lui     |
|               | Wednesday, 3/7/18  | 11:00 - 12:00 pm | Ear infections                                       | Nehad El-Sawi    |
|               | Wednesday, 3/7/18  | 12:00 - 1:00 pm  | <b>LUNCH</b>   |                  |

|                |                    |                  |   |                  |
|----------------|--------------------|------------------|---|------------------|
|                | Wednesday, 3/7/18  | 1:00 - 5:00 pm   | <b>Self Study</b>                             |                  |
|                |                    |                  |   |                  |
|                | Thursday, 3/8/18   | 8:00 - 9:00 am   | Pharm. management of ear infections           | Valerie Gerriets |
|                | Thursday, 3/8/18   | 9:00 - 10:00 am  | Pharmacologic management of Dizziness/Vertigo | Valerie Gerriets |
|                | Thursday, 3/8/18   | 10:00 - 12:00 pm | <b>Medical Skills/ Self Study</b>             |                  |
|                | Thursday, 3/8/18   | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                  |
|                | Thursday, 3/8/18   | 1:00 - 3:00 pm   | <b>Medical Skills/ Self Study</b>             |                  |
|                | Thursday, 3/8/18   | 3:00 - 5:00 pm   | <b>Medical Skills/ Self Study</b>             |                  |
|                |                    |                  |   |                  |
|                | Friday, 3/9/18     | 8:00 - 10:00 am  | Imaging of the Nervous System                 | Ibrahim / Dublin |
|                | Friday, 3/9/18     | 10:00 - 12:00 pm | <b>Clinical Case</b>                          |                  |
|                | Friday, 3/9/18     | 11:30 - 12:00 pm | <b>Course Evaluation</b>                      |                  |
|                | Friday, 3/9/18     | 12:00 - 1:00 pm  | <b>LUNCH</b>                                  |                  |
|                | Friday, 3/9/18     | 1:00 - 5:00 pm   | <b>Comprehensive Neurosciences Review</b>     | Forshing Lui     |
|                |                    |                  |   |                  |
| <b>Week 10</b> |                    |                  |   |                  |
| <b>Exam</b>    | Monday, 3/12/18    | 8:00 - 11:00 am  | <b>Summative Exam</b>                         |                  |
|                |                    |                  |   |                  |
|                | Tuesday, 3/13/18   | 1:00 - 5:00 pm   | <b>Anatomy Exam</b>                           |                  |
|                |                    |                  |   |                  |
|                | Wednesday, 3/14/18 | N/A              |   |                  |
|                |                    |                  |   |                  |
|                | Thursday, 3/15/18  | 8:00 - 12:00 pm  | <b>MS Exam</b>                                |                  |
|                | Thursday, 3/15/18  | 12:00 - 1:00 pm  | Lunch   |                  |
|                | Thursday, 3/15/18  | 1:00 - 5:00 pm   | <b>MS Exam</b>                                |                  |
|                |                    |                  |   |                  |
|                | Friday, 3/16/18    | 8:00 - 12:00 pm  | <b>Remedial and Tutorials</b>                 |                  |
|                | Friday, 3/16/18    | 12:00 - 1:00 pm  | Lunch   |                  |
|                | Friday, 3/16/18    | 1:00 - 5:00 pm   | <b>Remedial and Tutorials</b>                 |                  |
|                |                    |                  |   |                  |
|                |                    |                  |   |                  |
|                |                    |                  |   |                  |

**Version: \*\*\*Always refer to specific course syllabi for more detailed scheduling information\*\*\***