

**Medical Neuroscience SMD 541
Part I Course Schedule, 2007**

Week 1

<u>Time</u>	<u>Topic</u>	<u>Lecturer</u>	<u>Location</u>
<i>Tuesday, Aug 28</i>			
9:00-9:50 am	Course Organization & Expectations	Pearson	101 White Hall
<i>Basic Principles of Nervous System Structure & Function</i>			
10:00-10:50 am	Review of Nervous System Histology	Ream	101 White Hall
11:00-11:50 am	Synaptic Transmission	Rich	101 White Hall
<i>Wednesday, Aug 29</i>			
9:00-10:50 am	Orientation to Central Nervous System Regions, Functional Systems and Anatomical Localization	Pearson	101 White Hall
11:00-11:50 am	Cortical Localization of Function	Pearson	101 White Hall
1:00-2:50 pm	Neuroanatomy Lab 1: Histology of the Nervous System	Staff	174 WH Labs
<i>Thursday, Aug 30</i>			
9:00-9:50 am	Development of the Nervous System	Pearson	101 White Hall
10:00-10:50 am	Blood Supply of the Brain	Pearson	101 White Hall
11:00-11:50 am	Environment of the Brain	Olson	101 White Hall
1:00-2:50 pm	Neuroanatomy Lab 2: Gross Anatomy, General Organization and Blood Supply of the CNS	Staff	174 WH Labs
<i>Friday, Aug 31</i>			
9:00-9:50 am	Imaging the Nervous System	Pearson	101 White Hall
10:00-10:50 am	Neurovascular Pathology	Balko	101 White Hall
11:00-11:50 am	Clinical Case Session 1: Stroke	Jacobs	101 White Hall
1:00-2:50 pm	Neuroanatomy Lab 3: Internal Structure, Ventricles, CSF Circulation & Blood Supply	Staff	174 WH Labs

Week 2

<u>Time</u>	<u>Topic</u>	<u>Lecturer</u>	<u>Location</u>
<i>Monday, Sept 3</i>	Labor Day-No classes		
<i>Tuesday, Sept 4</i>	<i>Somatosensory System</i>		
9:00-9:50 am	Somatosensation	Fyffe	101 White Hall
10:00-10:50 am	Somatosensory Pathways	Fyffe	101 White Hall
11:00-11:50 am	Pain	Fyffe	101 White Hall
1:00-3:50 pm	Team Based Learning Session 1: Neurovascular Pathology	Koles/Jacobs Jones/Pearson	101 White Hall
<i>Wednesday, Sept 5</i>			
9:00-9:50 am	Neuropharmacology of Pain	Lucot	101 White Hall
10:00-10:50	Endogenous & Exogenous Opioids	Lucot	101 White Hall
11:00-11:50 am	Local Anesthetics	Koerker	101 White Hall
1:00 PM	PBT Exam II review		174 WH Labs
<i>Thursday, Sept 6</i>			
9:00-9:50 am	Intracranial Pressure	Olson	101 White Hall
10:00-10:50 am	Clinical Case Session 2: Disorders of Somatic Sensation	Jones	101 White Hall
11:00-11:50 am	Clinical Case Session 3: Headache	Jones	101 White Hall
1:00-2:50 pm	Neuroanatomy Lab 4: Pathways Tested by the Sensory Exam	Staff	174 WH Labs

Week 3

<u>Time</u>	<u>Topic</u>	<u>Lecturer</u>	<u>Location</u>
<i>Monday, Sept 10</i>			
8:00 am-Noon	EXAM I (Weeks 1 & 2)		130/174WH
<i>Tuesday, Sept 11</i>			
<i>Motor System</i>			
9:00-9:50 am	Introduction to Motor Systems and Control of Motor Force	Cope	101 White Hall
10:00-10:50 am	Spinal Cord	Cope	101 White Hall
11:00-11:50 am	Motor Areas of the Cerebral Cortex	Cope	101 White Hall
<i>Wednesday, Sept 12</i>			
9:00-9:50 am	Cerebellum	Cope	101 White Hall
10:00-10:50 am	Basal Ganglia	Cope	101 White Hall
11:00-11:50 am	Descending Motor Pathways	Rich	101 White Hall
1:00-3:00PM	Neuroanatomy Lab 5: Movement Control Systems Part 1: Pathways Tested by the Reflex & Motor Exams	Staff	174 WH Labs
<i>Thursday, Sept 13</i>			
9:00-10:50 am	Clinical Case Session 4: Disorders of Movement	Rich	101 White Hall
11:00-11:50 am	The Brainstem: General Organization, Reticular Formation and Consciousness	Pearson	101 White Hall
1:00-3:00 pm	Neuroanatomy Lab 6: Movement Control Systems Part 2: Pathways Tested by the Coordination & Gait Exams	Staff	174 WH Labs

Week 4

<u>Time</u>	<u>Topic</u>	<u>Lecturer</u>	<u>Location</u>
<i>Monday, Sept 17</i>			
<i>Brainstem & Cranial Nerves</i>			
9:00-9:50 am	Antiparkinsonian Drugs/Antispasmodics	Lucot	101 White Hall
10:00-10:50 am	Vision	Fyffe	101 White Hall
11:00-11:50 am	Visual Pathways, Visual Field Deficits and Control of Pupil Size	Pearson	101 White Hall
1:00 PM	Neuro Pt I Exam I Review		174 WH Labs
<i>Tuesday, Sept 18</i>			
9:00-9:50 am	Auditory Processing & Connections	Fyffe	101 White Hall
10:00-10:50 am	Vestibular Processing & Connections	Pearson	101 White Hall
11:00-11:50 am	Control of Eye Movements	Pearson	101 White Hall
<i>Wednesday, Sept 19</i>			
9:00-9:50 am	Clinical Case Session 5: Neuro-Ophthalmic Disorders & Review of ANS of the Eye	Warwar	101 White Hall
10:00-10:50 am	Clinical Case Session 6: Dizziness and Disequilibrium	Rich	101 White Hall
11:00-11:50 am	Injury Responses: Recovery of Function	Rich	101 White Hall
<i>Thursday, Sept 20</i>			
9:00-9:50 am	Pathology lecture - Traumatic Lesions	Murphy	101 White Hall
10:00-10:50 am	Clinical Case Session 7: Head Trauma	Moncman	101 White Hall
11:00-11:50 am	Pathology Lab 1: Head Trauma	Path Staff	174 WH Labs
1:00-2:50pm	Neuroanatomy Lab 7: Pathways and Structures Tested by the Cranial Nerve Examination	Staff	174 WH Labs
(2:00 pm)	(In-lab presentation and discussion - Brain Death)	Rich	174 WH Labs

Week 5

<u>Time</u>	<u>Topic</u>	<u>Lecturer</u>	<u>Location</u>
<i>Monday, Sept 24</i>			
8:00-8:50 am	Pathology lecture - CNS Neoplasms	Sequeira	101 White Hall
9:00-9:50 am	Pathology Lab 2: CNS Neoplasms	Path Staff	174 WH Labs
10:00-11:50 am	Pathology lecture - Demyelination and Toxic-Metabolic	Sequeira	101 White Hall
11:00-11:50am	Pathology Lab 3: Demyelination and Toxic-Metabolic Disorders	Path Staff	174 WH Labs
1:00-3:50 pm	Team Based Learning Session 2: Neurologic Localizations	Jacobs/Rich	101 White Hall
<i>Tuesday, Sept 25</i>			
9:00-10:50 am	General Anesthetics	Koerker	101 White Hall
11:00-11:50am	Pathology lecture - CNS Infections	Murphy	101 White Hall
<i>Wednesday, Sept 26</i>			
9:00-9:50 am	Clinical Case Session 8: Epilepsy	Goldstick	101 White Hall
10:00-10:50 am	Pediatric Neurology	Kumar	101 White Hall
11:00-11:50 am	Anticonvulsants	Lucot	101 White Hall
1:00-3:50 pm	Team Based Learning Session 3: CNS Infections	Koles/Elder	101 White Hall
<i>Thursday, Sept 27</i>			
9:00-9:50 am	Pathology lecture - Developmental/Perinatal Disorders	Balko	101 White Hall
10:00-10:50 am	Pathology Lab 4: Developmental/Perinatal Disorders	Path Staff	174 WH Labs
11:00-11:50	Clinical Case Session 9: Multiple sclerosis	Clasen/Olsen	101 White Hall

Week 6

<u>Time</u>	<u>Topic</u>	<u>Location</u>
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Monday, Oct 1

8:00-Noon	EXAM II (Comprehensive over Weeks 1-5)	130/174 WH
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End of Neuroscience Part I

Thursday, Oct 4

1:00 PM	Neuro Pt I Exam II review	174 WH Labs
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