

Mandatory attendance only for SmlGrp activities

IMC 606 – Neuroscience and Behavior – Fall 2020

Yellow = Bricks (*hyperlinked*)
 Green = lectures (*hyperlinked*)
 Blue = faculty-facilitated cases (8AM)

	Week1	Monday-Nov 2	Tuesday- Nov 3	Wednesday- Nov 4	Thursday- Nov 5	Friday- Nov 6
PREP	Bricks		Histology of Nervous Tissue Cerebral Hemispheres: Surface Structures and Functions Cerebral Hemispheres: Deep Structures and Functions	Cerebrospinal Fluid and the Blood-Brain Barrier Incr. Intracranial Pressure, Hydrocephalus, Herniation Action Potentials Local Anesthetics	IPE DAY	Development of the Nervous System Congenital Disorders of the Central Nervous System Lysosomal Storage Diseases
	Lab		Lab Manual Chap 1	Lab Manual Chap 1		Lab Manual Chap 1
In class	9-10am					
	10-11am	Introduction	SmlGrp Prob Solv	SmlGrp Prob Solv		SmlGrp Prob Solv
	11-12pm	CNS overview	SmlGrp Prob Solv	SmlGrp Prob Solv		SmlGrp Prob Solv

	Week 2	Monday- Nov 9	Tuesday- Nov 10	Wednesday- Nov 11	Thursday- Nov 12	Friday- Nov 13
PREP	Bricks	Radiologic Examination of the Central Nervous System Synaptic Transmission Brain Energy Metabolism CASE	Traumatic Head Injury Neuromuscular Junction Disorders	Anatomy of the Spinal Cord Spinal Nerves and Landmark Dermatomes (Skip Autonomic N S) Somatosensory Pathways	Visceral Sensory Pathways (Pain section) Radiculopathy Electromyography and Nerve Conduction Studies	Cranial Nerve Sensory Func: V Pain Mechanisms Peripheral Neuropathy
	Lab			Lab Manual Chap 2	Lab Manual Chap 4	Lab Manual Chap 5
In class	9-10am	8:00 Sml Grp: Neuroimaging		Tactile Pathway	Pain Concepts, Pathway	Trigeminal Sys Pain Pathophy
	10-11am	Neurotransmitter	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv
	11-12pm		SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv

	Week 3	Monday- Nov 16	Tuesday- Nov 17	Wednesday- Nov 18	Thursday- Nov 19	Friday- Nov 20
PREP	Bricks	Principles of Pain Management Opioids Nonopioid Analgesics Cannabis Therapy	Migraine, Cluster, and Tension Headaches Secondary Headaches Trigeminal Neuralgia	General Anesthetics Neuromuscular Blocking Agents Infections of the Central Nervous System: Foundations and Frameworks Meningitis	CASE	
	Lab	Lab Manual Chap 6				
In class	9-10am		Opioid Overuse		8:00 SmlGrp: Case 1 DbN	
	10-11am	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	Pharm Review
	11-12pm	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	Pharm Review

	Week 4	Monday-23	Tuesday-24	Wednesday-25	Thursday-26	Friday-27
PREP	Bricks	EXAM 1	Anatomy and Physiology of the Eye Visual Pathways		THANKSGIVING	
	Lab		Lab Manual Chap 7			
In class	9-10am					
	10-11am		SMIGrp Prob Solv			
	11-12pm		SMIGrp Prob Solv			

	Week 5	Monday- Nov 30	Tuesday- Dec 1	Wednesday- Dec 2	Thursday- Dec 3	Friday- Dec 4
PREP	Bricks	Cranial Nerve II and Pupillary Control	Congenital Eye Disorders	Cranial Nerve Sensory Functions : CN VIII	Spinal Nerves and Landmark Dermatomes Autonom NS part	Descending Motor Pathways
		Cranial Nerves III, IV, and VI and Ocular Motility	Common Noninfective Eye Disorders	Anatomy and Physiology of the Ear	Autonomic Nervous System	Reflexes
	Lab	Lab Manual Chap 7		Lab Manual Chap 8,9, 10	Lab Manual Chap 11, 13	Lab Manual Chap 14
In class	9-10am				hypothalamus	LMN/MN System
	10-11am	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv
	11-12pm	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv	SmlGrp Prob Solv

	Week 6	Monday-7 Dec	Tuesday- Dec 8	Wednesday- Dec 9	Thursday- Dec 10	Friday- Dec 11
PREP	Bricks	Spinal Cord Lesions	Cerebral Hemispheres: Deep Structures and Functions (from: BasalGang, Dopamine, MovementDis)	CPM 2 Exam	Cerebellum Structure and Function	CASE
		Amyotrophic Lateral Sclerosis	Neurodegenerative Diseases: Foundations and Frameworks (from: Intro, ParkinD, HuntingD, ALS)		Ataxia	
	Lab		Lab Manual Chap 15		Lab Manual Chap 16	
In class	9-10am	Spasticity Drugs-ns	Catechol metab. PG			8:00 SmlGrp:Case2 CervMyel
	10-11am	SmlGrp Prob Solv	SmlGrp Prob Solv			Pharm Review
	11-12pm	SmlGrp Prob Solv	SmlGrp Prob Solv			Pharm Review

MONDAY, Dec 14, EXAM 2