

# Foundations of Clinical Medicine

## MS1 - COM 501 - Fall 2016

Weeks	Date	Time	Title	Faculty
<b>Week 1</b>				
	Monday, 8/8/16	8:00 - 8:30 am	Introduction to Foundations	Joseph Dhahbi
	Monday, 8/8/16	8:30 - 9:30 am	CP: Well Visits	Sambandam Elango
	Monday, 8/8/16	9:30 - 10:30 am	Normal Cell Structure	Michael Bradbury
	Monday, 8/8/16	10:30 - 12:00 pm	Normal Cell Function	Michael Bradbury
	Monday, 8/8/16	12:00 - 1:00 pm	Lunch	
	Monday, 8/8/16	1:00 - 2:00 pm	Introduction to Epithelial Tissues	Nazila Hejazi
	Monday, 8/8/16	2:00 - 3:00 pm	Introduction to Connective Tissues	Raj Ramsamooj
	Monday, 8/8/16	3:00 - 5:00 pm	<b>Self Study</b>	
	Tuesday, 8/9/16	8:00 - 10:00 am	Protein Structure and Function	Joseph Dhahbi
	Tuesday, 8/9/16	10:00 - 12:00 pm	Introduction to Pharmacodynamics	Hugo Arias
	Tuesday, 8/9/16	12:00 - 1:00 pm	Lunch	
	Tuesday, 8/9/16	1:00 - 2:00 pm	Human Immune Response Overview	Susan Ely
	Tuesday, 8/9/16	2:00 - 5:00 pm	<b>Self Study</b>	
	Wednesday, 8/10/16	8:00 - 9:00 am	Introduction to Enzymes: Function and Kinetics	Joseph Dhahbi
	Wednesday, 8/10/16	9:00 - 11:00 am	Introduction to Pharmacodynamics	Hugo Arias
	Wednesday, 8/10/16	11:00 - 12:00 pm	Introduction to Pathological Process & Cellular Adaptation	Raj Ramsamooj
	Wednesday, 8/10/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/10/16	1:00 - 5:00 pm	<b>Self Study</b>	
	Thursday, 8/11/16	8:00 - 9:00 am	Cellular Growth and Communication	Joseph Dhahbi
	Thursday, 8/11/16	9:00 - 10:00 am	Innate Immune Response & Inflammation	Susan Ely
	Thursday, 8/11/16	10:00 - 12:00 pm	Medical Skills / Self Study	
	Thursday, 8/11/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/11/16	1:00 - 3:00 pm	Medical Skills / Self Study	
	Thursday, 8/11/16	3:00 - 5:00 pm	Medical Skills / Self Study	
	Friday, 8/12/16	8:00 - 8:30 am	Complement	Susan Ely
	Friday, 8/12/16	8:30 - 10:00 am	Complement (active learning)	Susan Ely
	Friday, 8/12/16	10:00 - 12:00 pm	Clinical Case: Well Visit	
	Friday, 8/12/16	12:00 - 1:00 pm	LUNCH	
	Friday, 8/12/16	1:00 - 5:00 pm	<b>Self Study</b>	
<b>Week 2</b>				
	Monday, 8/15/16	8:00 - 9:00 am	CP 2: Genetic Counsel	Art Grix
	Monday, 8/15/16	9:00 - 10:00 am	Introduction to Medical Genetics	Michael Bradbury
	Monday, 8/15/16	10:00 - 11:00 am	DNA Structure, Replication, and Repair Mechanisms	Joseph Dhahbi
	Monday, 8/15/16	11:00 - 12:00 pm	Reversible & Irreversible Cell injury (Necrosis & Apoptosis)	Nazila Hejazi
	Monday, 8/15/16	12:00 - 1:00 pm	LUNCH	
	Monday, 8/15/16	1:00 - 3:00 pm	Introduction to Neoplasia	Nazila Hejazi
	Monday, 8/15/16	3:00 - 5:00 pm	<b>Self Study</b>	
	Tuesday, 8/16/16	8:00 - 9:00 am	Control of the Cell Cycle	Michael Bradbury
	Tuesday, 8/16/16	9:00 - 10:30 am	Gene Expression: Transcription and Translation	Joseph Dhahbi
	Tuesday, 8/16/16	10:30 - 12:00 pm	Genetic Variations, Autosomal and Sex Linked Inheritance	Michael Bradbury
	Tuesday, 8/16/16	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/16/16	1:00 - 2:00 pm	Pedigrees and Genograms	Michael Bradbury
	Tuesday, 8/16/16	2:00 - 5:00 pm	<b>Self Study</b>	
	Wednesday, 8/17/16	8:00 - 10:00 am	Masters Colloquium	Raj Ramsamooj / Sambandam Elango

	Wednesday, 8/17/16	10:00 - 11:00 am	Cytogenetic Disorders	Michael Bradbury
	Wednesday, 8/17/16	11:00 - 12:00 pm	Population Genetics and Non-standard Inheritance	Michael Bradbury
	Wednesday, 8/17/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/17/16	1:00 - 2:00 pm	Introduction to Pharmacogenomics	Grant Lackey
	Wednesday, 8/17/16	2:00 - 3:00 pm	Neoplasia II	Nazila Hejazi
	Wednesday, 8/17/16	3:00 - 5:00 pm	<b>Self Study</b>	
	Thursday, 8/18/16	8:00 - 10:00 am	Neoplasia III	Nazila Hejazi
	Thursday, 8/18/16	10:00 - 12:00 pm	Medical Skills / Self Study	
	Thursday, 8/18/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/18/16	1:00 - 3:00 pm	Medical Skills / Self Study	
	Thursday, 8/18/16	3:00 - 5:00 pm	Medical Skills / Self Study	
	Friday, 8/19/16	8:00 - 10:00 am	Introduction to Chemotherapy	Xiaodong Feng
	Friday, 8/19/16	10:00 - 12:00 pm	Clinical Case: Genetic Counseling	
	Friday, 8/19/16	12:00 - 1:00 pm	LUNCH	
	Friday, 8/19/16	1:00 - 5:00 pm	<b>Self Study</b>	
<b>Week 3</b>				
	Monday, 8/22/16	8:00 - 11:00 am	<b>Formative Exam</b>	
	Monday, 8/22/16	11:00 - 12:00 pm	CP: Obesity	Mark Sheffield
	Monday, 8/22/16	12:00 - 1:00 pm	Lunch	
	Monday, 8/22/16	1:00 - 2:00 pm	Carbohydrate Metabolism	Joseph Dhahbi
	Monday, 8/22/16	2:00 - 5:00 pm	<b>Self Study</b>	
	Tuesday, 8/23/16	8:00 - 9:00 am	Introduction to Nutrition and Management of Obesity	Grant Lackey
	Tuesday, 8/23/16	9:00 - 11:00 am	TCA and Oxidative Phosphorylation	Michael Ibrahim
	Tuesday, 8/23/16	11:00 - 12:00 am	U.S. Epidemiology of Obesity	Mark Sheffield
	Tuesday, 8/23/16	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/23/16	1:00 - 2:00 pm	Antigen Presentation	Susan Ely
	Tuesday, 8/23/16	2:00 - 5:00 pm	<b>Self Study</b>	
	Wednesday, 8/24/16	8:00 - 9:00 am	CP: Abnormal Lipids	Mark Sheffield
	Wednesday, 8/24/16	9:00 - 10:00 am	Fatty acid Metabolism	Michael Bradbury
	Wednesday, 8/24/16	10:00 - 11:00 am	Antigen Receptors & V(D)J Recombination	Susan Ely
	Wednesday, 8/24/16	11:00 - 12:00 pm	Cholesterol Metabolism	Michael Bradbury
	Wednesday, 8/24/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/24/16	1:00 - 2:00 pm	Cholesterol Transport	Michael Bradbury
	Wednesday, 8/24/16	2:00 - 5:00 pm	<b>Self Study</b>	
	Thursday, 8/25/16	8:00 - 9:00 am	Pathology of Atherosclerosis	Raj Ramsamooj
	Thursday, 8/25/16	9:00 - 10:00 am	Pharmacological Management of Abnormal Lipids I	Hugo Arias
	Thursday, 8/25/16	10:00 - 12:00 pm	Medical Skills / Self Study	Raj Ramsamooj
	Thursday, 8/25/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 8/25/16	1:00 - 3:00 pm	Medical Skills / Self Study	Raj Ramsamooj
	Thursday, 8/25/16	3:00 - 5:00 pm	Medical Skills / Self Study	Raj Ramsamooj
	Friday, 8/26/16	8:00 - 9:00 am	Pharmacological Management of Abnormal Lipids II	Hugo Arias
	Friday, 8/26/16	9:00 - 10:00 am	Hormonal Therapy for Cancer	Xiaodong Feng
	Friday, 8/26/16	10:00 - 12:00 pm	Clinical Case: Obesity and Abnormal Lipids	
	Friday, 8/26/16	12:00 - 1:00 pm	LUNCH	
	Friday, 8/26/16	1:00 - 5:00 pm		
<b>Week 4</b>				
	Monday, 8/29/16	8:00 - 9:00 am	CP 5: Allergic Reactions	Ranasinghe

	Monday, 8/29/16	9:00 - 10:00 am	Introduction to Embryology & Gametogenesis	Michael Bradbury
	Monday, 8/29/16	10:00 - 11:00 am	T-cell Development & Function	Susan Ely
	Monday, 8/29/16	11:00 - 12:00 pm	Embryology: Fertilization, Cleavage, Early implantation	Michael Bradbury
	Monday, 8/29/16	12:00 - 1:00 pm	LUNCH	
	Monday, 8/29/16	1:00 - 5:00 pm	<b>Self Study</b>	
	Tuesday, 8/30/16	8:00 - 9:30 am	B-Cells: development, Function, and vaccine basics	Susan Ely
	Tuesday, 8/30/16	9:30 - 11:00 am	Targeting and Trafficking of Proteins	Joseph Dhahbi
	Tuesday, 8/30/16	11:00 - 12:00 pm	Introduction to Medical Biostatistics	Jose Puglisi
	Tuesday, 8/30/16	12:00 - 1:00 pm	LUNCH	
	Tuesday, 8/30/16	1:00 - 2:00 pm	Target therapy and Immunotherapy for Cancer	Xiaodong Feng
	Tuesday, 8/30/16	2:00 - 5:00 pm	Self Study	
	Wednesday, 8/31/16	8:00 - 10:00 am	<b>Masters Colloquium</b>	
	Wednesday, 8/31/16	10:00 - 11:00 am	Hypersensitivity Reactions & Allergy	Susan Ely
	Wednesday, 8/31/16	11:00 - 12:00 pm	Pharmacological Management of Acute Allergic Reactions	Gerriets
	Wednesday, 8/31/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 8/31/16	1:00 - 5:00 pm	<b>Self Study</b>	
	Thursday, 9/1/16	8:00 - 9:00 am	Embryology: Germ layer Formation	Michael Bradbury
	Thursday, 9/1/16	9:00 - 10:00 am	Pharmacological Management of Chronic Allergic Reactions	Gerriets
	Thursday, 9/1/16	10:00 - 12:00 pm	<b>Medical Skills / Self Study</b>	
	Thursday, 9/1/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 9/1/16	1:00 - 3:00 pm	<b>Medical Skills / Self Study</b>	
	Thursday, 9/1/16	3:00 - 5:00 pm	<b>Medical Skills / Self Study</b>	
	Friday, 9/2/16	8:00 - 10:00 am	Embryology: The Embryonic Period	Michael Bradbury
	Friday, 9/2/16	10:00 - 12:00 pm	Clinical Cases: Allergic Reactions	
	Friday, 9/2/16	12:00 - 1:00 pm	LUNCH	
	Friday, 9/2/16	1:00 - 5:00 pm	<b>Self Study</b>	
<b>Week 5</b>				
	Monday, 9/5/16	<b>Holiday</b>	<b>Labor Day</b>	
	Tuesday, 9/6/16	8:00 - 11:00 am	<b>Formative Exam</b>	
	Tuesday, 9/6/16	11:00 - 12:00 pm	CP: Sore Throat	Raj Ramsamooj
	Tuesday, 9/6/16	12:00 - 1:00 pm	Lunch	
	Tuesday, 9/6/16	1:00 - 2:00 pm	Pathology of Sore Throat and Acute Inflammation	Raj Ramsamooj
	Tuesday, 9/6/16	2:00 - 5:00 pm	Self Study	
	Wednesday, 9/7/16	8:00 - 10:00 am	Introduction to Microbiology	Nehad El-Sawi
	Wednesday, 9/7/16	10:00 - 11:00 am	Chronic Inflammation and Systemic Effects of Inflammation	Nazila Hejazi
	Wednesday, 9/7/16	11:00 - 12:00 pm	Descriptive Biostatistics. Types of Variables / Distributions	Jose Puglisi
	Wednesday, 9/7/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 9/7/16	1:00 - 5:00 pm	<b>Self Study</b>	
	Thursday, 9/8/16	8:00 - 10:00 am	Microbiology of Sore Throat	Nehad El-Sawi
	Thursday, 9/8/16	10:00 - 12:00 pm	<b>Medical Skills / Self Study</b>	
	Thursday, 9/8/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 9/8/16	1:00 - 3:00 pm	<b>Medical Skills / Self Study</b>	
	Thursday, 9/8/16	3:00 - 5:00 pm	<b>Medical Skills / Self Study</b>	Raj Ramsamooj
	Friday, 9/9/16	8:00 - 9:00 am	Introduction to Antibiotics	Gerriets
	Friday, 10/9/15	9:00 - 10:00 am	Antibiotic Therapy for Sore Throat	Gerriets
	Friday, 10/9/15	10:00 - 12:00 pm	Clinical Cases: Sore Throat	
	Friday, 10/9/15	12:00 - 1:00 pm	LUNCH	
	Friday, 10/9/15	1:00 - 5:00 pm	<b>Self Study</b>	
<b>Week 6</b>				

	Monday, 9/12/16	8:00 - 9:00 am	CP: Fever	Falck
	Monday, 9/12/16	9:00 - 10:00 am	Physiological Control of Temperature (w/small group discussion)	Nena Mason
	Monday, 9/12/16	10:00 - 11:00 am	Neurochemistry of Ach	Hugo Arias
	Monday, 9/12/16	11:00 - 12:00 pm	Introduction to the Autonomic Nervous System	Nena Mason
	Monday, 9/12/16	12:00 - 1:00 pm	LUNCH	
	Monday, 9/12/16	1:00 - 2:00 pm	Tissue Repair and Healing	Raj Ramsamoj
	Monday, 9/12/16	2:00 - 5:00 pm	Self Study	
	Tuesday, 9/13/16	8:00 - 9:00 am	Descriptive Biostatistics. Types of Variables. Distributions	Jose Puglisi
	Tuesday, 9/13/16	9:00 - 10:00 am	Introduction to Clinical Toxicology	Grant Lackey
	Tuesday, 9/13/16	10:00 - 12:00 pm	Infectious Causes of Fever	Nehad El-Sawi
	Tuesday, 9/13/16	12:00 - 1:00 pm	LUNCH	
	Tuesday, 9/13/16	1:00 - 2:00 pm	Introduction to ANS Pharmacology	Gerriets
	Tuesday, 9/13/16	2:00 - 5:00 pm	Self Study	
	Wednesday, 9/14/16	8:00 - 10:00 am	Masters Colloquium	
	Wednesday, 9/14/16	10:00 - 11:00 am	Pharmacological management of fever (NSAIDS)	Hugo Arias
	Wednesday, 9/14/16	11:00 - 12:00 pm	Pharmacological management of fever (Cox-2 inhibitors)	Hugo Arias
	Wednesday, 9/14/16	12:00 - 1:00 pm	LUNCH	
	Wednesday, 9/14/16	1:00 - 5:00 pm	Self Study	
	Thursday, 9/15/16	8:00 - 9:00 am	P Values and Statistical Significance	Jose Puglisi
	Thursday, 9/15/16	9:00 - 10:00 am	Causes of Death in USA, Disease Prevention, Reportable Diseases	Sambandam Elango
	Thursday, 9/15/16	10:00 - 12:00 pm	Medical Skills / Self Study	Raj Ramsamoj
	Thursday, 9/15/16	12:00 - 1:00 pm	LUNCH	
	Thursday, 9/15/16	1:00 - 3:00 pm	Medical Skills / Self Study	Raj Ramsamoj
	Thursday, 9/15/16	3:00 - 5:00 pm	Medical Skills / Self Study	Raj Ramsamoj
	Friday, 9/16/16	8:00 - 9:30 am	Mechanisms of Placebo effect	Hugo Arias
	Friday, 9/16/16	9:30 - 10:00 am	Course Evaluation	Jose Puglisi
	Friday, 9/16/16	10:00 - 12:00 pm	Clinical Cases: Sore Throat and Abnormal Temperature	
	Friday, 9/16/16	12:00 - 1:00 pm	LUNCH	
	Friday, 9/16/16	1:00 - 5:00 pm	Self Study	
<b>Week 7</b>	Monday, 9/19/16	8:00 - 11:00 am	Summative Exam	
<b>EXAM</b>				
	Tuesday, 9/20/16	1:00 - 5:00 pm	Anatomy Exam	
	Wednesday, 9/21/16	8:00 - 5:00 pm	N/A	
	Thursday, 9/22/16	8:00 - 5:00 pm	Medical Skills Practice Session	
	Friday, 9/23/16	8:00 - 5:00 pm	Potential Remediation / Review Time	

Version: August 2, 2016 \*\*\*Always refer to specific course syllabi for more detailed scheduling information\*\*\*