

Week 1 -- August 10-14 -- FUNDAMENTALS

SDL Modules

	Monday 10	Tuesday 11	Wednesday 12	Thursday 13	Friday 14
8 AM					
9 AM	Intro to M2 Curriculum	(MB) Bacterial Classification, Structure, Function, Metabolism & Growth	(GEN) Genetics & Medicine	(MB) Genetic Exchange & Bacteria Evolution	(MB) Classification, Structure & Replication of Viruses I
10 AM	(PH) Drug Absorption, Distribution & Elimination 1	(MB) Genetic Organization of Bacteria	(PH) Pharmacokinetics: Basic Concepts	(PH) Pharmacokinetics: Clearance & Bioavailability	(MB) Classification, Structure & Replication of Viruses II
11 AM	(PH) Drug Absorption, Distribution & Elimination 2	(PH) Drug Biotransformation	(PH) Factors Affecting Drug Metabolism	(PH) Clinical Pharmacokinetics: Individualizing Therapy	(GEN) Structure & Function of DNA & RNA
12 PM					
1 PM	(BS) Epidemiology	(ICM-2) Becoming a Doctor: Professionalism & the Hidden Curriculum	(BS) Epidemiology	(ETH) Course Intro & History of Bioethics (Small Groups)	(ICM-2) Injury Prevention (1 of 3)
2 PM		(ICM-2) SGR: Injury Prevention			
3 PM					
4 PM					
5 PM					

Week 2 -- August 17-21 -- FUNDAMENTALS

	Monday 17	Tuesday 18	Wednesday 19	Thursday 20	Friday 21
8 AM					
9 AM	(GEN) Patterns of Inheritance I	(PH) Drug Regulations		(PH) Pharmacological Targets of Signaling Pathways	
10 AM	(PH) Mechanisms of Tolerance & Dependence	(GEN) Patterns of Inheritance II	(PH) General Principles of Pharmacokinetics (SGCC) <i>(6 small rooms, No AV)</i>	(GEN) Patterns of Inheritance III: Non-Mendelian	(PH) General Principles of Pharmacokinetics (SGCC) <i>(6 small rooms, No AV)</i>
11 AM	(PH) Mechanisms of Drug Action	(GEN) Clinical Cytogenetics		(ETH) Ethical Deliberation	
12 PM					
1 PM	(BS) Epidemiology	(ICM-2) Injury Prevention (2 of 3)	(BS) Epidemiology	(ETH) Narrative Medicine <i>(Small Groups,)</i>	(ICM-2) Injury Prevention (3 of 3)
2 PM					
3 PM					
4 PM					
5 PM					

SDL Modules

(PH) Cellular Mechanisms of Signal Transduction (1 hr)

(MB) Normal Flora & Nosocomial Infection/ Disinfection & Sterilization (1 hr)

(GEN) Developmental Genetics, Imprinting & Epigenetics (2 hr)

Week 3 -- August 24-28 -- FUNDAMENTALS

	Monday 24	Tuesday 25	Wednesday 26	Thursday 27	Friday 28
8 AM				(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting
9 AM	(PH) Prescription Writing	(MB) Assays for Antibiotic Activity/ Mechanism of Resistance		Time and/or Self-Directed Study DAY	Time and/or Self-Directed Study DAY
10 AM	(MB) Antimicrobial Agents I & II	(MB) LAB 1 Gram Stain, Throat Swab & Culture, Antimicrobial Susceptibility Testing <u>ED 2 9th Floor</u> <u>LABS 9A/B/C/D</u>	(MB) LAB 2 <u>ED 2 9th Floor</u> <u>LABS 9A/B/C/D</u> ↓		
11 AM					
12 PM					
1 PM	(BS) Epidemiology	(ICM-2) Interpretation of Lab Results	(BS) Epidemiology	(ICM-2) Preceptor- Student Meeting	EXAM 1 Fundamentals Part
2 PM		(ICM-2) Patient Literacy		Time and/or Self-Directed Study DAY	ED 2 LABS 8A/B/C/D
3 PM		(ICM-2) General Pediatrics (SGR)			
4 PM					
5 PM					

SDL Modules

(ICM-2) SGR: The
Effective Physician:
Exploring Competencies
(1 hr)

Week 4 -- August 31 - September 4 -- FUNDAMENTALS

	Monday 31	Tuesday 1	Wednesday 2	Thursday 3	Friday 4
8 AM	(ICM-2) PHLEBOTOMY LAB ED 2 8th FL, 8A/B/C/D				
9 AM		(MB) Immunology (Overview)	(MB) Humoral Immunity	(MB) Innate Immunity	(PA) Chronic Inflammation
10 AM	(PH) Adrenomimetic Drugs	(PA) (Cell Injury 1)	(PH) Direct-Acting Cholinomimetics	(PA) Acute Inflammation (Part 1)	(PH) Ganglionic Blocking Drugs
11 AM	(PH) Adrenoceptor Antagonists	(PA) (Cell Injury 2)	(PH) Muscarinic Blocking Drugs	(PA) Acute Inflammation (Part 2)	(PH) Cholinesterases & Cholinesterase Inhibitors
12 PM					
1 PM	(PA) Intro to Pathophysiology	(ICM-2) Medical Documentation	(GEN) Molecular Genetics I	(ETH) Informed Consent (Small Groups)	(ICM-2) CPC: Relevance of Lab Results
2 PM	(PA) Cell Injury, Adaptation & Death	(ICM-2) Women's Health 1 (SGR)	(GEN) Molecular Genetics II		
3 PM		(ICM-2) Women's Health 2 (SGR)			
4 PM					
5 PM					

SDL Modules*(MB) Complement
(1 hr)**(PH) Intro to the
Autonomic Nervous
System (1 hr)**(PH) Adrenergic &
Cholinergic
Neurotransmission (1 hr)*

Week 5 -- September 7-11 -- FUNDAMENTALS

	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11
8 AM	L A B O R D A Y				
9 AM			(MB) T Cell Activation II	(MB) B Cell Activation & Regulation	(MB) Cell Mediated Immunity
10 AM		(MB) Major Histocompatibility	(GEN) Teratogens & the Newborn	(PA) Wound Healing 1	(PA) Hemodynamic Disorders, Thrombotic Disease, Shock
11 AM		(MB) T Cell Activation I	(GEN) Immunogenetics	(PA) Wound Healing 2	(PA) Hemostasis & Thrombosis, DIC
12 PM					
1 PM		(ICM-2) Trauma & Wound Care LAB <i>ED 2 LABS 8A/B/C/D W/ AUDIO</i>	(PH) Diabetes	(ETH) Surrogate Decision-Making <i>(Small Groups)</i>	(ICM-2) SGR: The Anesthesia Patient
2 PM					(ICM-2) SGR: The Surgical Patient
3 PM					
4 PM					
5 PM					

SDL Modules

(GEN) Population Genetics & Mathematical Concepts
(1 hr)

Week 6 -- September 14-18 -- FUNDAMENTALS

	Monday 14	Tuesday 15	Wednesday 18	Thursday 17	Friday 18
8 AM				(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting
9 AM		(MB) Bacterial Pathogenic Mechanisms I	(PH) Corticosteroids	Time and/or Self-Directed Study	Time and/or Self-Directed Study
10 AM	(MB) POPS -- M.I. Sick: An Immunoassay Teaching Package <u>ED 2 9th Floor</u> <u>LABS 9A/B/C/D</u>	(MB) Bacterial Pathogenic Mechanisms II	(MB) Mechanisms of Viral Pathogenesis	DAY	DAY
11 AM		(PA) Clinical Microbiology Laboratory	(MB) Principles of Laboratory Diagnosis of Viral Infections		
12 PM					
1 PM	(PA) Embolisms, Infarction, Shock	(MB) Principles of Laboratory Diagnosis of Bacterial Infections	(ICM-2) Preceptor- Student Meeting Time and/or Self-Directed Study	(ICM-2) Preceptor- Student Meeting Time and/or Self-Directed Study	EXAM 2 Fundamentals Part II
2 PM	(GEN) Congenital Anomalies in the Newborn		DAY	DAY	ED 2 LABS 8A/B/C/D
3 PM	(MB) Immunology Diagnostic Assays				
4 PM					
5 PM					

SDL Modules

(ICM-2) Difficult
Communication Issues I
(1 hr)

Integrated Sophomore Curriculum -- FALL 2009					
Week 7 -- September 21-25 -- FUNDAMENTALS					
	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25
8 AM					
9 AM	(BS) Overview of Life Cycle	(BS) Child Development III (School Age Children)	(BS) Psychotherapy	(PH) Gene Based Therapies	(PH) Immuno-pharmacology
10 AM	(BS) Child Development (Infancy, Toddler)	(BS) Child Development IV (Teenage)	(BS) Psychodynamic Theory I & II	(BS) Learning Theory	(GEN) Metabolic Genetics 1
11 AM	(BS) Child Development II (Preschool)	(GEN) Newborn & Population Screening		(BS) Learning Theory Applications	(GEN) Metabolic Genetics 2: PKU Experience (Patient Session)
12 PM					
1 PM	(PA) Pediatric Pathology (Part 1)	(ICM-2) PROFESSIONALISM CLINIC 1-5:30 pm CLINICAL SKILLS CENTER (.75 hr) / STUDY TIME (1 of 3)	(ICM-2) PROFESSIONALISM CLINIC 1-5:30 pm CLINICAL SKILLS CENTER (.75 hr) (2 of 3)	(ETH) Early-Life Issues (Small Groups)	(ICM-2) General Pediatrics
2 PM	(PA) Pediatric Pathology (Part 2)				
3 PM					
4 PM					
5 PM					

SDL Modules

NONE

GEN Newborn Screening (2 hrs)

Week 8 -- September 28 - October 2 -- FUNDAMENTALS**SDL Modules**

	Monday 28	Tuesday 29	Wednesday 30	Thursday 1	Friday 2
8 AM					
9 AM	(PA) Neoplasia I	(PA) Neoplasia III	(PA) Neoplasia IV	(PA) Neoplasia V	(GEN) Cancer Genetics II
10 AM	(PA) Neoplasia II	(GEN) Clinical Cancer Genetics I	(PH) Principles of Cancer Therapy	(PH) Antineoplastics II	(BS) Principles of Effective Communication
11 AM	(MB) Biology of Oncogenic DNA Viruses	(GEN) Cancer Cytogenetics	(PH) Antineoplastics I	(PH) Antineoplastics III	(BS) Managing Challenging Patients
12 PM					
1 PM	(BS) Adulthood\Late Life	(ICM-2) Clinical Approach to Common Autoimmune Diseases	(BS) Death & Dying	(ETH) End-of-Life Issues (Small Groups)	(ICM-2) The Cancer Patient
2 PM		(ICM-2) Principles of Radiology			
3 PM					
4 PM					
5 PM					

Week 9 -- October 5-9 -- FUNDAMENTALS

SDL Modules

	Monday 5	Tuesday 6	Wednesday 7	Thursday 8	Friday 9
8 AM				(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting
9 AM	(BS) Family Structure (Normal)			Time and/or	Time and/or
10 AM	(BS) Family Stress	(PH) Targeted Antineoplastic Agents	(BS) Beh/Healthcare: Biopsychosocial Model	Self-Directed Study DAY	Self-Directed Study DAY
11 AM		(ETH) Technology & The Future of Medicine	(BS) Medical Economics		
12 PM					
1 PM	(MB) Cancer (Tumor) Immunology	DOCTORING C.A.P.E	(ICM-2) Preceptor- Student Meeting Time and/or	(ICM-2) Preceptor- Student Meeting Time and/or	EXAM 3 Fundamentals Part III
2 PM	(PA) Environmental Diseases (Part 1)		Self-Directed Study DAY	Self-Directed Study DAY	ED 2 LABS 8A/B/C/D
3 PM					
4 PM					
5 PM					

*(BS) Ethnocultural Issues
(1 hr)**(BS) Poverty (1 hr)*

Integrated Sophomore Curriculum -- FALL 2009					
Week 10 -- October 12-16 -- FALL BREAK					
	Monday 12	Tuesday 13	Wednesday 14	Thursday 15	Friday 16
8 AM	F	F	F	F	F
9 AM	A	A	A	A	A
10 AM	L	L	L	L	L
11 AM	B	B	B	B	B
12 PM	R	R	R	R	R
1 PM	E	E	E	E	E
2 PM	A	A	A	A	A
3 PM	K	K	K	K	K
4 PM					
5 PM					

Week 11 -- October 19-23-- Immune/HEMATOPOIETIC**SDL Modules**

	Monday 19	Tuesday 20	Wednesday 21	Thursday 22	Friday 23
8 AM					
9 AM	(PA) Red Blood Cells & Bleeding Disorders: Anemia I	(PA) Defective Platelet Function & Thrombocytopenia	(PA) Disseminated Intravascular Coagulation & Clotting Factor Abnormalities	(PA) Autoimmune Diseases	
10 AM	(PA) Red Blood Cells & Bleeding Disorders: Anemia II	(PA) Transfusion Medicine	(MB) POPS -- Immediate Type Hypersensitivity	(MB) Immune Disorders I	(MB) Immune Disorders II
11 AM	(GEN) Hemoglobinopathies	(MB) Type I Hypersensitivity	ED 2 9th Floor LABS 9A/B/C/D	(ETH) Immunizations & Public Health	(PA) Disease of White Blood Cells, Lymph Nodes, Spleen I
12 PM					
1 PM	(MB) Tolerance	(ICM-2) Clinical Immunology/ Lymphoid (SGR)	(MB) Type II-IV Hypersensitivity	(ETH) Allocation of Resources (Small Groups)	(MB) POPS -- Immunodeficiency Diseases
2 PM	(MB) Autoimmunity	(ICM-2) Clinical Hematology (SGR)	(PH) Antivirals		ED 2 LABS, 9TH FL, 9A/B/C/D
3 PM		(ICM-2) Complementary & Alternative Medicine			
4 PM					
5 PM					

(BS) Managed Care (1 hr)

Week 12 -- October 26-30 -- Immune/HEMATOPOIETIC

	Monday 26	Tuesday 27	Wednesday 28	Thursday 29	Friday 30
8 AM					(ICM-2) Preceptor- Student Meeting Time and/or Self-Directed Study DAY
9 AM	(PA) Disease of White Blood Cells, Lymph Nodes, Spleen II	(PA) Disease of White Blood Cells, Lymph Nodes, Spleen III	(MB) Vaccines		
10 AM	(PH) Agents Used In Blood Disorders	(PA) Disease of White Blood Cells, Lymph Nodes, Spleen IV	(MB) Malaria & Trypanosimiosis		
11 AM	(MB) Retrovirus Biology Including HIV	(PH) Sulfonamides & Trimethoprim	(PA/ICM-2) HEMATOLOGY CPC (12 Small Groups)	IMMUNE/HEM C.A.P.E.	
12 PM					
1 PM	(ICM-2) Preceptor- Student Meeting Time and/or Self-Directed Study DAY	(ICM-2) Clinical HIV	(MB) Transplantation Immunology	(ETH) Truth-Telling & Medical Error (Small Groups)	(ICM-2) Preceptor- Student Meeting Time and/or Self-Directed Study DAY
2 PM			(PA) Transplantation Pathology/GUHD, Kidney	(PA) HEM REVIEW (OPTIONAL) 2:30 - 3:30 PM	
3 PM					
4 PM					
5 PM					

SDL Modules

Week 13 -- November 2-6 -- PULMONARY

	Monday 2	Tuesday 3	Wednesday 4	Thursday 5	Friday 6
8 AM					
9 AM			(PA) Obstructive Disease I	(PA) Obstructive Disease II	
10 AM		(PA) Normal Lung & Congenital	(MB) Upper Resp Tract Infection: Streptococcus, Diphtheria, Other	(MB) Streptococcal & Other Community Acquired Acute Bacterial Pneumonias	(MB) Aspiration Pneumonia, Moraxella, Opportunistic Anaerobes
11 AM		(MB) Overview of Respiratory Tract Infections	(MB) Epiglottitis & Whooping Cough	(MB) Community Acquired Bacterial Agents Causing Atypical Pneumonias	(MB) Parainfluenza Virus & Resp Syncytial Virus Infections
12 PM					
1 PM	EXAM 4 HEM & IMMUNE ED 2 LABS 8A/B/C/D	(ICM-2) Pulmonary Patient H&P I (SGR)	(ICM-2) Preceptor-Student Meeting Time	(ETH) Doctrine of Double-effect (Small Groups)	(ICM-2) Acute Bronchiolitis & Pneumonia
2 PM		(ICM-2) Pulmonary Patient II (SGR & ARDS Case)			(ICM-2) Chest Radiography
3 PM					
4 PM					
5 PM					

Week 14 -- November 9-13 -- PULMONARY

SDL Modules

	Monday 9	Tuesday 10	Wednesday 11	Thursday 12	Friday 13
8 AM			V E T E R A N ' S D A Y		
9 AM		(MB) Coronaviruses, SARS & Influenza		(MB) Tuberculosis & Infection with Atypical Mycobacteria	(PH) Tuberculosis: Antimycobacterials
10 AM	(MB) Cytomegalovirus Resp Tract Infection/ Infectious Mononucleosis	(PA) Pathology of Infectious Diseases in the Respiratory Tract		(PA) Pleura & Lung Transplant	(PA) Fibrosing Disease II
11 AM	(MB) Rhinovirus & Adenovirus Infection (Upper Resp Tract)	↓		(PA) Fibrosing Diseases I	(GEN) Cystic Fibrosis
12 PM					
1 PM	(PH) Principles of Antimicrobial Drug Action	(ICM-2) Nutrition Counseling		(MB) Histoplasma, Blastomyces, Coccidioides, Nocardia, Actinomyces Infections	
2 PM	(PH) Antibacterial Agents for Respiratory Tract Infections	(ICM-2) Nutrition Counseling Small Groups			
3 PM					
4 PM					
5 PM					

Week 15 -- November 16-20 -- PULMONARY

	Monday 16	Tuesday 17	Wednesday 18	Thursday 19	Friday 20
8 AM			(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting
9 AM	(MB) Clinical Summary of Resp Tract Infections	(PA) Miscellaneous Pulmonary Pathology	Time and/or Self-Directed Study	Time and/or Self-Directed Study	Time and/or Self-Directed Study
10 AM	(PA) Tumors of the Head & Neck	(PA) CPC (12 small groups)	DAY	DAY	DAY
11 AM	(PA) Tumors of the Pulmonary System	(PA) Morphology Review			
12 PM					
1 PM	(PH) Pulmonary Pharmacology- COPD & Edema	(ICM-2) Obesity	(ICM-2) Lung Clinic	(ICM-2) Lung Clinic	EXAM 5 PULMONARY ED 2 LABS 8A/B/C/D
2 PM	(PH) Pulmonary Pharmacology- Asthma	PULMONARY C.A.P.E			
3 PM					
4 PM					
5 PM					

Week 16 -- November 23-27 -- CARDIOVASCULAR

	Monday 23	Tuesday 24	Wednesday 25	Thursday 26	Friday 27
8 AM			(ICM-2) Preceptor- Student Meeting	T H A N K S G I V I N G	T H A N K S G I V I N G
9 AM	(PH) Histamine & Serotonin		Time and/or		
10 AM	(MB) Overview of CV System Infections: Sepsis, Shock, FUO, Aneurysm, etc.	(PH) Polypeptides	Self-Directed Study DAY		
11 AM	(MB) Acute & Subacute Bacterial Endocarditis	(PH) Eicosanoids			
12 PM					
1 PM	(PA) Normal, Congenital & Atherosclerotic Vascular Disease	(ICM-2) Cardiovascular Patient I (SGR)	(ICM-2) Preceptor- Student Meeting		
2 PM	(PA) Vascular Neoplasms	(ICM-2) ECG I (SGR)	Time and/or		
			Self-Directed Study DAY		
3 PM					
4 PM					
5 PM					

SDL Modules*(PH) CV Physiology &
Autonomics (1 hr)*

Week 17 -- November 30 - December 4 -- CARDIOVASCULAR**SDL Modules***(PH) Diuretic Therapy &
Fluid Balance (1 hr)*

	Monday 30	Tuesday 1	Wednesday 2	Thursday 3	Friday 4
8 AM					
9 AM	(MB) Vascular/ Multisystem Infections: Borrelia & Leptospira		(MB) Vascular/ Multisystem Infections: Rickettsia & Ehrlichia	(PA) Hypertension Vascular Disease	
10 AM	(PH) Mechanisms of Diuretic Action: CV Uses	(PA) Vasculidies	(PH) Pharmacology of Hypertension	(PA) Myocardial Disease	(PH) Calcium Channel Blockers
11 AM	(PH) Nitrates for Treatment of Angina	(PA) Veins & Lymphatics	(PH) Antihypertensive Drugs	(GEN) Treatment of Genetic Disease (Fabry Disease)	(PH) Agents Used in Hyperlipo- proteinemia
12 PM					
1 PM		(ICM-2) Cardiovascular Patient II (SGR)	(ETH) Transplantation (Small Groups)	(ICM-2) HEART & LUNG CLINIC (1 of 2)	(ICM-2) HEART & LUNG CLINIC (2 of 2)
2 PM		(ICM-2) ECG II (Student Grand Rounds)			
3 PM					
4 PM					
5 PM					

Week 18 -- December 7-11 -- CARDIOVASCULAR					
	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11
8 AM					
9 AM		(PA) Congenital Heart Disease	(PA) Miscellaneous Cardiac Conditions	(PA) Cardiac Diseases & the Clinical Laboratory	(PH) Cardiac Glycosides & Related Drugs
10 AM	(PA) Heart Failure, Ischemic Heart Disease & Hypertensive Heart Disease	(GEN) Structural Heart Defects 1	(PH) Anti-arrhythmic Drugs II	(MB) Filariae & Schistomes	(PH) Heart Failure
11 AM		(GEN) Structural Heart Defects 2	(PH) Beta-Blockers	(ETH) CPR & DNR Orders	(PH) Management of Heart Failure (Clin Corr)
12 PM					
1 PM	(PH) Basic Mechanisms of Cardiac Arrhythmias	(ICM-2) CPC: Heart & ECG Cases	WINTER OSCE (12:30 - 5 PM)	WINTER OSCE (12:30 - 5 PM)	WINTER OSCE (12:30 - 5 PM)
2 PM	(PH) Anti-arrhythmic Drugs I				
3 PM					
4 PM					
5 PM					

Week 19 -- December 14-18 -- CARDIOVASCULAR

SDL Modules

	Monday 14	Tuesday 15	Wednesday 16	Thursday 17	Friday 18
8 AM			(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting	(ICM-2) Preceptor- Student Meeting
9 AM			Time and/or	Time and/or	Time and/or
10 AM	(PH) Clinical Correlation - Stroke	(PA) CPC (12 small groups)	Self-Directed Study DAY	Self-Directed Study DAY	Self-Directed Study DAY
11 AM	(PH) Cardiovascular Pharmacology Review	(PA) Morphology Review			
12 PM	(PH) Review Session				
1 PM	CARDIO-V C.A.P.E		(ICM-2) Preceptor- Student Meeting	EXAM 6 Cardiovascular	(ICM-2) Preceptor- Student Meeting
2 PM			Time and/or	ED 2 LABS 8A/B/C/D	Time and/or
3 PM			Self-Directed Study DAY		Self-Directed Study DAY
4 PM					
5 PM					