

	Monday 10/8	Tuesday 10/9	Wednesday 10/10	Thursday 10/11	Friday 10/12
9:00 a.m.	Columbus Day and Indigenous People's Day	IPAC cards; Soc. Deter of Heath, EBM Group selection, Medication Challenge			
9:30 a.m.			Cytogenetics M. Feuerman 139	Protein Folding Diseases Part 2: Protein Folding W. Chirico 5	Protein Trafficking W. Chirico 19
10:00 a.m.		Intro to Unit 2 and Intro to IPAC and Clinical Skills M.W. and R. Ovitsh 6	RNA: Transcription, splicing and Translation G. Gick 9	POPS: Enzymes: Classific., Energ., & Kin's Penington/Rushbrook 32	Non-Mendelian Inheritance M. Feuerman 102
10:30 a.m.					
11:00 a.m.	N O C L A S S E S				
11:30 a.m.					
12:00 p.m.					
12:30 p.m.		DNA: Struct & Func of the Genome M Feuerman 8	Protein Folding Diseases Part 1: Protein Basics W. Chirico 3		Signal transduction G. Gick 21
1:00 p.m.					
1:30 p.m.		Cytoskeleton and Cellular Motility J. Scalia 22	Embryologic Basis of Congenital Dis.: Early Development Eisner/ Lahage 108	Mendelian Inherit., Pop. Genetics, and Linkage Analysis M Feuerman 11	Pharmacogenetics P. Bergold 41
2:00 p.m.					Independent Learning Multifactorial Inheritance
2:30 p.m.					M. Feuerman 073
3:00 p.m.				Reg. of Gene Expression G. Gick 10	
3:30 p.m.					
4:00 p.m.					
4:30 p.m.					



	Monday 10/15		Tuesday 10/16		Wednesday 10/17		Thursday 10/18		Friday 10/19	
9:00 a.m.	Intro to Subunit 2 N. Penington 70									
9:30 a.m.	Intro to Path lab J. Libien 77		Carbohydrate Metabolism 2: Glycogen Metab., Pent. Ph. Path. N. Penington 228				PBL: Vera MK session			
10:00 a.m.	PBL: Vera CS Session Adherence	Path lab: Cellular Response to Injury S. Gottesma n and staff 100			Intro to Concepts in Nutrition				Fat Absorption and Transport	
10:30 a.m.					M. Markell 51		HALF 1		M. Hussain 46	
11:00 a.m.	HALF 1 38						MK faculty 39 6 th flr.		Fatty Acid Synthesis, Storage, & Oxidation	
11:30 a.m.									M. Hussain 47	
12:00 p.m.					Mitochondria & the TCA Cycle		Oxidative Phosphorylation			
12:30 p.m.			Embryologic Basis of Congenital Dis.: Musc./Skel System Eisner/Lahage 109		N. Penington 40		N. Penington 42			
1:00 p.m.									POPS:	
1:30 p.m.	Carbohydrate Metabolism 1: Glycolysis and Gluconeogenesis N. Penington 143								Glycolysis and Glycogenolysis	
2:00 p.m.			iPAC HALF 1 121	EBM 2 Sm. Grp. HALF 2 6 th flr. ● □□□	EBM 2 Sm. Grp. HALF 1 6 th flr. ● 106	iPAC HALF 2 121		PBL: Vera MK session	Glycolysis and Glycogenolysis	
2:30 p.m.	Path lab: Cellular Response to Injury	PBL: Vera CS Session Adherence								
3:00 p.m.			S. Gottesma n and staff 100	HALF 2 38						
3:30 p.m.					EBM 2 HALF 2 6 th flr. ● 106	EBM 2 HALF 1 6 th flr. ● 106				
4:00 p.m.			●	●	●	●				
4:30 p.m.										

Asynchronous activities

[132]: Standard Deviation/Frequency Distribution ● [016] Nutrition Self-Assessment
[132b] Std. Deviation and P value ●

UNIT 2 2018 CALENDAR: Subunit 2: Metabolism

	Monday 10/22	Tuesday 10/23	Wednesday 10/24	Thursday 10/25	Friday 10/26
9:00 a.m.	Metabolism of Amino Acids		Metabolic Integration of Vitamins B12/Folate and Nucleotides		
9:30 a.m.	E. Quadros 53	Integrat. of Metab & Vitamins: pathways working together.	E. Quadros 226	PBL: Vera	Reg of insul & gluca, gluco homeo
10:00 a.m.	<u>Small Group:</u>	Markell/Penington 57		MK sess	H. Lebovitz 49
10:30 a.m.	Patient Perspective CS faculty 45			MK faculty HALF 1 50	POPS: Dis. of A.A. and Nitrogen Metab. Penington/Quadros HALF 2 6th flr. 58
11:00 a.m.	●	Nitrogen Metabolism: Urea Cycle and its Disorders E. Quadros 116		6th flr.	Cell Membranes
11:30 a.m.				Patient Presentation: Pt. with Diabetes	M. Wagner 37
12:00 p.m.				N. Sheikin ● 114	
12:30 p.m.	Student Interviews of Simulated Patients				
1:00 p.m.	56 students	CS lab #3:			Spingolipids & Lyso. Storage Diseases
1:30 p.m.		iPAC		iPAC	Vesicular Trafficking
2:00 p.m.	6 th flr.	121	CS lab #3:	121	W. Chirico 20
2:30 p.m.		HALF 1	Soc. Determ'ts of Health (in Diabetes)	HALF 2	
3:00 p.m.		●	HALF 2	POPS: Disorders of A.A. and Nitrogen Metab. Penington/Quadros HALF 1 6 th flr. 58	PBL: Vera
3:30 p.m.	Patient Perspective CS faculty 45	●	126	6th flr.	MK sess
4:00 p.m.	●	LH 4	HALF 1	MK faculty HALF 2 50	MK faculty HALF 2 6th flr.
4:30 p.m.	Student SP Interviews 12 students		126		
			LH 4		

Asynchronous activities

- [134]: Retrospective Cohort Confidence Interval ●
- [133a]: MM5 --- In and Out of Network Care ●

	Monday 10/29	Tuesday 10/30	Wednesday 10/31	Thursday 11/1	Friday 11/2
9:00 a.m.	Intro. To Neoplasia Subunit S. Blain 93				
9:30 a.m.	Intro to Neoplasia lab K. Loukeris 076	Hallmarks of Cancer	Hallmark 4: Immortality, Altered Metab. & Genetic Instability of Cancer Cells	PBL: Mr Palter	Path Lab:
10:00 a.m.	PBL: Mr. Palter CS session	S. Blain 61	S. Blain 90	MK session	Neoplasia I
10:30 a.m.				MK faculty	S. Gottesman and staff
11:00 a.m.	CS faculty			HALF 1	Hallmark 6: Tissue Invasion and Metastasis
11:30 a.m.	HALF 1 59	Hallmarks 1 and 2: Prolif. of Cancer Cells independent of Growth Control Signals	Hallmark 3: Evading Apoptosis	64	M. Wagner 79
12:00 p.m.			P. Bergold 63	HALF 2 6 th flr. 75	
12:30 p.m.		S. Blain 60			
1:00 p.m.				Hallmark 5: Sustained Angiogenesis	Linking Environmental Causes of Cancer to the Hallmarks
1:30 p.m.	Introduction to Neoplasia			M. Wagner 78	S. Blain 74
2:00 p.m.	A. Leaf 91	iPAC	Histo Lab:	Path Lab:	
2:30 p.m.		Group A	Skin	Neoplasia I	PBL: Mr Palter
3:00 p.m.	PBL: Mr. Palter CS session	121	B. Chaqour and staff	S. Gottesman and staff	MK session
3:30 p.m.	CS faculty	HALF 1	HALF 2	HALF 1 6 th flr. 75	MK Faculty
4:00 p.m.	HALF 2		104 6 th flr.		HALF 2
4:30 p.m.	59		104 6 th flr.		64

Asynchronous activities

[131]: Introduction to Screening ●
[135]: Screening in Practice (Part 2) ●

[135]: Screening in Practice (Part 1) ●
[136]: Number Needed to Screen ●

UNIT 2 2018 CALENDAR: Subunit 3: Neoplasia

	Monday 11/5	Tuesday 11/6	Wednesday 11/7	Thursday 11/8	Friday 11/9
9:00 a.m.	Beyond the Hallmarks S. Blain				POPS: Treatment of cancer M. Wagner 144
9:30 a.m.	80			PBL: Mr. Palter MK sess MK faculty HALF 1 5 th flr. 140	
10:00 a.m.	Small Group: Prevention and Screening CS faculty HALF 1 62		POPS: Mechanisms of carcinogenesis M. Wagner 118	S. Gottesman and staff HALF 2 6 th flr. 101	Reg. of Hematopoiesis J. Gonsky 15
10:30 a.m.					
11:00 a.m.		Guest Lecture: Mr. Rick Guidotti "Positive Exposure: Seeing Beyond Diagnosis" 304		Bone and Cartilage Tumors Dr. V. Vigorita 120	
11:30 a.m.					
12:00 p.m.					
12:30 p.m.	Basic Concepts in Dermatology Diagnosis Dr. S Glick 83				
1:00 p.m.			Treatment of Cancer M. Wagner 89		Evaluation of Anemia C. Luhrs 105
1:30 p.m.					
2:00 p.m.		iPAC 121 HALF 1	CS lab #2: Dermatolog y S. Glick and staff HALF 2 128 5 th flr.	CS lab #2: Dermatolog y S. Glick and staff HALF 1 128 5 th flr.	iPAC 121 HALF 2
2:30 p.m.	Small Group: Prevention and Screening CS faculty HALF 2 62				
3:00 p.m.				S. Gottesman and staff HALF 1 6 th flr. 101	PBL: Mr. Palter MK sess MK faculty HALF 2 6 th flr. 140
3:30 p.m.					
4:00 p.m.					Fe Deficiency and Excess C. Luhrs 107
4:30 p.m.					
					Start of Hematology subunit

UNIT 2 2018 CALENDAR: Subunit 4: Hematology

	Monday 11/12	Tuesday 11/13	Wednesday 11/14	Thursday 11/15	Friday 11/16
9:00 a.m.	Megalobl. Anemia Vit B12 & Folate				
9:30 a.m.	C. Luhrs 103	Hemoglobin Y. Zhang 18	Hemostasis and H ⁺ static Disorders II S. Kang 25	PBL: Theodora and Charles MK session Heme Lab: Microcytic and Macrocytic Anemia C. Luhrs and staff HALF 2 14	
10:00 a.m.	PBL Sm. Group				POPS: Hemostasis
10:30 a.m.	T and C Couple seeking Genetic Counseling	Hemostasis and H ⁺ static Disorders I S. Kang 23	POPS: Hemoglobin and O ₂ Binding Y. Zhang	MK faculty HALF 1 2	S. Kang 141
11:00 a.m.					
11:30 a.m.	CS faculty HALF 1		HALF 1 12		
12:00 p.m.	● 1			Hemoglobinopathies Y. Zhang 110	
12:30 p.m.	Hemolytic Anemia C. Luhrs 72				Thrombosis and Thrombotic Disorders S. Kang 24
1:00 p.m.					
1:30 p.m.					
2:00 p.m.		iPAC		iPAC	
2:30 p.m.		Group A		Group B	
3:00 p.m.	PBL Sm. Group			Heme Lab: Microcytic and Macrocytic Anemia C. Luhrs and staff HALF 1 14	POPS: Hemostasis
3:30 p.m.	T and C Couple seeking Genetic Counseling	121		MK session MK faculty HALF 2 2	S. Kang 141
4:00 p.m.	CS faculty HALF 2	HALF 1			
4:30 p.m.	● 1	●		●	

[Asynchronous activities](#)

[138] Probability Part 1 ● [138] Probability Part 2 ● [138] Probability Part 3 ●

	Monday 11/19	Tuesday 11/20	Wednesday 11/21	Thursday 11/22	Friday 11/23
9:00 a.m.	CS IL: Cultural Competence T. Taylor 115 ●				
9:30 a.m.		PBL: Theodora and Charles MK sess. MK faculty	S t u d y D a y	T h a n k s g i v i n g	T h a n k s g i v i n g
10:00 a.m.	Small Group: Culture & Medicine CS faculty	Heme Lab: Hemolytic Anemia C. Luhrs and staff			
10:30 a.m.					
11:00 a.m.	HALF 1 55 ●	HALF 2 71			
11:30 a.m.		HALF 1 6 th flr. 4			
12:00 p.m.					
12:30 p.m.		POPS: Thrombosis S. Kang 111 6 th flr.			
1:00 p.m.					
1:30 p.m.					
2:00 p.m.					
2:30 p.m.	Heme Lab: Hemolytic Anemia C. Luhrs and staff	Small Group: Culture & Medic. CS faculty	PBL: Theodora and Charles MK sess. MK faculty		
3:00 p.m.		HALF 2 55 ●			
3:30 p.m.	HALF 1 71		HALF 2 6 th flr. 4		
4:00 p.m.					
4:30 p.m.					

UNIT 2 2018 CALENDAR: Subunit 5: Immune System and its Malignancies

	Monday 11/26	Tuesday 11/27	Wednesday 11/28	Thursday 11/29	Friday 11/30
9:00 a.m.		Introduction to the Immune System			Human Leuko Ags; ABO & Rh bld. grps.
9:30 a.m.		R. Coico 238			S. Kang 173
10:00 a.m.	Small. Grp: Ethical Found's of the Med. Prof. CS faculty HALF 1		Medical Ethics	Ig Genes, their Rearrangement, and B Cell Development	T Cell Development
10:30 a.m.			S. Landesman (cancelled) 97 ●	C. Roman 246	E. Hsu 248
11:00 a.m.	● 095	Components of the Immune system	Innate Immunity	MHC Restriction and Ag Presentation	Assessment Week Overview
11:30 a.m.		R. Coico 240	R. Coico 242	R. Coico 253	
12:00 p.m.	Intro. to Medical Ethics				
12:30 p.m.	S. Landesman 96 ●	Human Development: "Babies" movie and discussion			
1:00 p.m.		H. Huberman 119 ●	Antibodies and Antigens	B Cell Activation, End-stage Diff and Ab Responses	
1:30 p.m.	Introduction to Human Development		C. Roman 244	C. Roman 151	
2:00 p.m.	H. Huberman 92 ●	iPAC 121 HALF 1	CS Lab #1: Human Develop. (Infant) 1.5 hr.'s/student H. Huberman and staff HALF 2	CS Lab #1: Human Develop. (Infant) 1.5 hr.'s/student H. Huberman and staff HALF 1	iPAC 121 HALF 2
2:30 p.m.	Small. Grp: Ethical Found's of the Med. Prof. CS faculty HALF 2				
3:00 p.m.					
3:30 p.m.					
4:00 p.m.	● 095				
4:30 p.m.		● 122	● 122	●	

[Asynchronous activities](#)

	Monday 12/3		Tuesday 12/4		Wednesday 12/5		Thursday 12/6		Friday 12/7	
9:00 a.m.										
9:30 a.m.										
10:00 a.m.	PBL: Ms. Jones/Mr Williams	Histo Lab: Hematopoeisis and primary lymphoid organs B. Chaqour and staff	T Cell Effector Functions E. Hsu 255		POPS: Transplantation Immunology: Bone Marrow Transplant R. Coico /S. Gottesman		PBL: Ms. Jones/Mr Williams MK session MK faculty	Histo Lab: Secondary lymphoid organs B. Chaqour and staff	Myelodysplastic Disorders C. Luhrs 210	
10:30 a.m.			Immune Regulation and Cytokines E. Hsu 250		117				HALF 1 153	
11:00 a.m.	CS session CS faculty	B. Chaqour and staff							Myeloproliferative Disorders C. Luhrs 215	
11:30 a.m.			HALF 1							
12:00 p.m.	HALF 1				<u>Immunology Q and A</u> Coico, Hsu, Roman 249		Acute Myelogenous Leukemia S. Gottesman 303			
12:30 p.m.	Student Interviews of Simulated Patients		Human Development: Toddler H. Huberman 112							
1:00 p.m.	56 students								Lymphoid Neoplasms 1 S. Gottesman 161	
1:30 p.m.										
2:00 p.m.			CS Lab #2		CS Lab #2				Lymphoid Neoplasms 2 S. Gottesman 163	
2:30 p.m.	Histo Lab: Hematopoeisis and primary lymphoid organs B. Chaqour and staff	PBL: Ms. Jones/Mr Williams CS session CS faculty	Human Development (Toddler) H. Huberman and staff		Human Development (Toddler) H. Huberman and staff		Histo Lab: Secondary lymphoid organs B. Chaqour and staff	PBL: Ms. Jones/Mr Williams MK session MK faculty		
3:00 p.m.			HALF 1		HALF 2				HALF 1 159	
3:30 p.m.	HALF 2									
4:00 p.m.	HALF 1		HALF 1 124		HALF 2 124					
4:30 p.m.	Student SP Interviews 12 students									

Asynchronous activities

[017]: Case Control - Case Series ●

[032]: Survival Analysis and Standardized Mortality Ratio ●

	Monday 12/10	Tuesday 12/11	Wednesday 12/12	Thursday 12/13	Friday 12/14
9:00 a.m.	Vulnerable Patient				
9:30 a.m.	J. Merlino 254 ●	Treatment of Hemato. Malignan's I		PBL: Ms. Jones/Mr Williams	Heme Lab: Leukemia Smears
10:00 a.m.	<u>Small Group:</u> Abuse and Vulnerable Patients CS faculty	Path Lab: Lymph Node Neoplasia C. Luhrs 167		MK faculty HALF 1 169	Luhrs and staff HALF 2 208
10:30 a.m.		Treatment of Hemato Malignan's II			
11:00 a.m.		C. Luhrs 168			
11:30 a.m.	HALF 1 ● 157	S. Gottesman and staff			
12:00 p.m.		HALF 2 171	Special: Mult. Myeloma Patient Encounter	Immune Surveill. and Mod. in Cancer	
12:30 p.m.		S. Gottesman 31 ●		S. Blain 94	
1:00 p.m.					S t u d y D a y
1:30 p.m.					
2:00 p.m.		iPAC			
2:30 p.m.	Path Lab: Lymph Node Neoplasia	Group B 121	iPAC Group A 121	Heme Lab: Leukemia Smears	
3:00 p.m.				Ms. Jones/Mr Williams	
3:30 p.m.	S. Gottesman and staff	HALF 1	HALF 2	MK faculty HALF 2	
4:00 p.m.		●	●	HALF 1 208	
4:30 p.m.	HALF 1 171			169	

UNIT 2 2018 CALENDAR

Reflection, Integration & Assessment week

	Monday 12/17	Tuesday 12/18	Wednesday 12/19	Thursday 12/20	Friday 12/21
9:00 a.m.		Combined Lab Practical 90 min (MK)		MK NBME Exam 3 hours proper + 15 min orientation	
9:30 a.m.					
10:00 a.m.	Clinical Skills Exams TBD		MK Essay Exams 1 hour, 40 minutes		
10:30 a.m.					
11:00 a.m.					
11:30 a.m.					
12:00 p.m.			CS Essay Exams 1 hour, 40 minutes		
12:30 p.m.					
1:00 p.m.					
1:30 p.m.			After finishing your exam please log on to wbt.nbme.org/ex am and follow instructions to access exam on your assigned computer. Please notify OAA if you have trouble accessing the "exam" via downstate e-mail to: Com-Exams	CS Multiple Choice Exam 1 hour, 20 minutes	
2:00 p.m.					
2:30 p.m.					
3:00 p.m.					
3:30 p.m.					
4:00 p.m.					
4:30 p.m.					