

Philadelphia College of Osteopathic Medicine - GA Campus

M1T1 Schedule • Fall 2014 • Class of 2018

Structural Principles of Osteopathic Medicine (SPOM)

Embryology	Vlad Stanescu, M.D., MSc Lori Hardy, Ph.D.	
Gross Anatomy Lab	Vlad Stanescu, M.D., MSc Lori Hardy, Ph.D. Abigail Hielscher, Ph.D.	Huo (Howard) Lu, Ph.D. Michael Selby, Ph.D. Keith Brown, Ph.D. Charles Daniels, M.D., Ph.D.
Gross Anatomy Lecture	Vlad Stanescu, M.D., MSc Huo (Howard) Lu, Ph.D. Keith Brown, Ph.D.	Lori Hardy, Ph.D. Michael Selby, Ph.D. Abigail Hielscher, Ph.D.
Histology Lab	Vlad Stanescu, M.D., MSc	Huo (Howard) Lu, Ph.D. Charles Daniels, M.D., Ph.D.
Histology Lecture	Vlad Stanescu, M.D., MSc Huo (Howard) Lu, Ph.D.	Lori Hardy, Ph.D. Abigail Hielscher, Ph.D.
Radiology	Vlad Stanescu, M.D., MSc Fred Katz, D.O., F.A.O.C.R.	
Manipulative Medicine (OMM)	Walter Ehrenfeuchter, D.O., F.A.A.O. Murray Berkowitz, D.O., M.A., M.S., M.P.H. William Delp, D.O. Regina Flemming, D.O.	
Physiology	Lori Hardy, Ph.D. Shu Zhu, M.D., Ph.D.	Richard White, Ph.D. Adwoa D. Aduonum, Ph.D.
Preventive and Community - Based Medicine (PCBM)	Murray Berkowitz, D.O., M.A., M.S., M.P.H	
Primary Care Skills (PCS)	Tomia Harmon, M.D.	

M1T1: Week 1

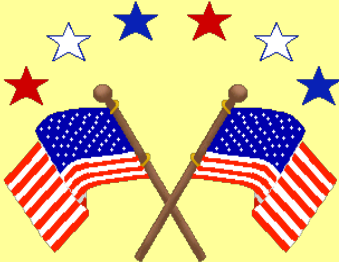
Structural Principles of Osteopathic Medicine (SPOM)

Time	Monday - 8/18	Tuesday - 8/19	Wednesday - 8/20	Thursday - 8/21	Friday - 8/22
8:00	Osteopathic Principles Dr. Ehrenfeuchter	Intro to OMM/OPP Dr. Ehrenfeuchter	Vertebral Column and Spinal Cord Dr. Stanescu	Embryology: Gametogenesis Dr. Hardy	Histology: Cell as a Basic Unit of Life Dr. Lu
9:00	Superficial and Deep Back Muscles Dr. Selby	The Osteoplastic Structural Examination: Dr. Ehrenfeuchter		PCS Overview/Group Assignments Dr. Harmon Diversity in Medicine Dr. Lisa McBride Chief Diversity Officer PCOM	
10:00		The Barrier Concept Dr. Delp	Deltoscapular Region and Suboccipital Triangle Dr. Selby		
11:00	Histology: Introduction and Methods Dr. Lu	The Significance of Motion Loss Dr. Ehrenfeuchter	Physiology: Homeostasis Dr. Hardy		Embryology: Origins of Tissues (Weeks 1-2) Dr. Hardy
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	Lab Demo: Orientation Dr. Stanescu Lab: Back Dissection Superficial and Deep Muscles	Lab: (Group A) Cervical Palpation & RROM Testing Dr. E	PCBM Intro to Evidence Based Medicine Dr. Berkowitz	Lab Demo: Laminectomy Dr. Stanescu	Embryology: Origins of Tissues (Weeks 3-8) Dr. Hardy
2:00		Lab: (Group B) Cervical Palpation & RROM Testing Dr. E	PCBM Principles of Epidemiology I Dr. Berkowitz		
3:00					Histology: Tissue Types and Skeletal Muscle Dr. Lu
4:00					
5:00	Study Vertebrae Independent Study				

M1T1: Week 2**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 8/25	Tuesday - 8/26		Wednesday - 8/27	Thursday - 8/28	Friday - 8/29
8:00	Breast, Pectoral Region and Lungs Mechanics of Respiration Dr. Stanescu	Heart and Pericardium Dr. Stanescu		Radiology: Overview and Imaging Modalities Dr. Katz	Radiology: Normal Radiology of the Heart Dr. Katz	Physiology of Muscle Dr. Matayoshi
9:00					Medical Terminology Communication Skills/SOAP Notes Draping and Vital Signs (Group A)	Histology: Pulmonary Histology Dr. Hardy
10:00	General Neurology and General Neurology ANS: Sympathetic (only) Dr. Brown	Impact of Somatic Dysfunction Dr. Ehrenfeuchter	Radiology: Normal Radiology of the Back Dr. Katz	Medical Terminology Communication Skills/SOAP Notes Draping and Vital Signs (Group B)	Histology: Connective Tissue Dr. Lu	
11:00		Principles of Muscle Energy Technique Dr. Ehrenfeuchter				
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	Lab Demo: Breast and Pectoral Region Dissection Dr. Stanescu Lab: Thoracic Wall Reflection	Lab: (Group B) Cervial RROM-Muscle Energy Dr. Ehrenfeuchter	SPOM REVIEW (Group A) Room 1040	Superior Mediastinum Dr. Stanescu	Lab Demo: Heart Dissection Surface Anatomy Session Dr. Stanescu Lab: Heart Removal and Great Vessels	
2:00		Lab: (Group A) Cervial RROM-Muscle Energy Dr. Ehrenfeuchter	SPOM REVIEW (Group B) Room 1040	PCBM Principles of Epidemiology II Dr. Berkowitz		
3:00						
4:00				Radiology: Normal Radiology of the Lungs Dr. Katz		
5:00					Study Heart Sections (TEE) Independent Study	

M1T1: Week 3**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 9/1	Tuesday - 9/2	Wednesday - 9/3	Thursday - 9/4	Friday - 9/5	
8:00	 Labor Day		Histology: Histology of the Cardiac Muscle and Vessels Dr. Lu		Histology: Epithelium Types Dr. Lu	
9:00		Embryology: Heart and Cardiac Malformation Dr. Stanescu		Intro to CLAC/PACS Ms. Reed/Ms. Dean (Group B)		
10:00			Physiology: Basics of Heart Physiology Dr. White	Intro to CLAC/PACS Ms. Reed/Ms. Dean (Group A)	Histology Lab #2: Epithelium Lung and Heart Dr. Lu	
11:00			PCBM EXAM #1			
12:00		Lunch		Lunch	Lunch	
1:00		Lab: (Group A) Lumbar Palpation & RROM Testing Dr. Fleming	SPOM REVIEW (Group B) Room 1040	Physiology: Basics of Lungs Physiology Dr. Zhu	Lab: Finish Thorax Dissection Surface Anatomy Session Review	
2:00		Lab: (Group B) Lumbar Palpation & RROM Testing Dr. Fleming	SPOM REVIEW (Group A) Room 1040	PCBM Critical Reading for Evidence Based Medicine Dr. Berkowitz		
3:00						
4:00						
5:00						Mock Exam #1 Setup (for Saturday)

M1T1: Week 4**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 9/8	Tuesday - 9/9	Wednesday - 9/10	Thursday - 9/11	Friday - 9/12
8:00		Face CN V general +V1 CN VII + PS Dr. Hardy	Posterior and Anterior Triangles of the Neck Dr. Hielscher	SP Practice	Cranial Nerves I (V1, V2) and II (IX, X, XI, XII) Dr. Stanescu
9:00	SPOM Written Exam #1	Embryology of the Pharyngeal Arches Dr. Brown	Embryology: CNS Development Dr. Hardy	Lab: HEENT (Group A)	
10:00		Part 1- Manual Medicine A Historical Perspective Dr. Ehrenfeuchter	Embryology: Eye and Ear Dr. Hardy	Lab: HEENT (Group B)	Temporal and Infratemporal Fossae and Base of Skull + V3 Dr. Stanescu
11:00					
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	SPOM Lab Exam #1	Lab (Group B) Lumbar RROM Muscle Energy Dr. Ehrenfeuchter	PCBM Biostatistics I Dr. Rosenberg <i>Mandatory Attendance</i>	Lab Demo: Dr. Hardy	Lab Demo: Dr. Hielscher
2:00		Lab (Group A) Lumbar RROM Muscle Energy Dr. Ehrenfeuchter			
3:00			Effective Learning Strategies for Medical Students Dr. Maris	Lab: Face Dissection	Lab: Triangles of the Neck Dissection
4:00		Physiology: Basics of Nerve Physiology Dr. White	<i>Assistant Dean's Hour Drs Gregory, Buxton</i>		
5:00				SPOM Written Exam #1 Content Review Session	

M1T1: Week 5

Structural Principles of Osteopathic Medicine (SPOM)

Time	Monday - 9/15	Tuesday - 9/16		Wednesday - 9/17	Thursday - 9/18	Friday - 9/19
8:00	Root of the Neck, Larynx, Thyroid, Parathyroid Glands Dr. Hielscher	Embryology: Oral Cavity & Clinical Applications Dr. Hardy		Eye and CN III + PS CN IV, VI Dr. Stanescu	SP Practice	Histology Lab #3: Eye and Endocrine Tissue Dr. Lu
9:00					Lab Demo: Dr. Stanescu	
10:00		Cranial Cavity, Dural Sinuses and Cerebral Vessels Dr. Brown	Lab Pulmo/Cardio (Group B)			
11:00	Histology: Eye and Ear Dr. Lu	Practical Exam Review Dr. Ehrenfeuchter			Histology: Histology of Nerve Tissue Dr. Lu	Lab Pulmo/Cardio (Group A)
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	Lab Demo: Dr. Stanescu	Lab (Group A) Thoracic Palpation & RROM Testing Dr. E	SPOM REVIEW (Group B) Room 1040	PCBM Biostatistics II Dr. Rosenberg <i>Mandatory Attendance</i>	Lab Demo: Dr. Brown	Physiology: Physiology of the Eye Dr. Hardy
2:00		Lab (Group B) Thoracic Palpation & RROM Testing Dr. E	SPOM REVIEW (Group A) Room 1040		Lab: Calvaria and Brain Removal; Meninges and Dural Sinuses	Radiology: Normal Radiology of the Head and Neck Dr. Katz
3:00		Lab: Temporal and Infratemporal Fossae Dissection				
4:00				Brain Anatomy Overview Independent Study		From 1:00p.m. to 3:00 p.m. The Lab is <i>CLOSED</i> to DO Students (Pharmacy Lab Session)
5:00						

M1T1: Week 6**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 9/22	Tuesday - 9/23		Wednesday - 9/24	Thursday - 9/25	Friday - 9/26
8:00	Nasal Cavities Pterygopalatine Fossa + V2 + CN I and Embryology Dr. Stanescu			LAB DEMO: Dr. Stanescu LAB: Larynx Head and Neck Review	PACS EXAM Comprehensive	
9:00		Histology: Thyroid and Parathyroid Glands Dr. Hardy				SPOM Written Exam #2
10:00	Pharynx and Retropharyngeal Space Dr. Brown	Skin as an Organ Dr. Hardy				
11:00		Layer by Layer Palpation Dr. Berkowitz				
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	LAB DEMO: Dr. Brown Surface Anatomy Session Dr. Stanescu LAB: Head Split and Reflection	Lab (Group B) Thoracic RROM Muscle Energy Dr. E	SPOM REVIEW (Group A) Room 1040		PACS EXAM Comprehensive	From 1:00p.m. to 3:00 p.m. The Lab is <i>CLOSED</i> to DO Students (Pharmacy Lab Session)
2:00		Lab (Group A) Thoracic RROM Muscle Energy Dr. E	SPOM REVIEW (Group B) Room 1040	PCBM EXAM #2		PCS Midterm Exam
3:00						
4:00						
5:00						Mock Exam #2 Setup (for Saturday)

M1T1: Week 7**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 9/29	Tuesday - 9/30	Wednesday - 10/1	Thursday - 10/2	Friday - 10/3
8:00	SPOM Lab Exam #2		OMM Written Exam 1	PACS EXAM Comprehensive	Lab Demo: Surface Anatomy Session Dr. Stanescu Lab: Antebrachium and Hand Dissection
9:00		Axilla Brachial Plexus Dr. Stanescu	Cubital Fossa and Antebrachium Dr. Stanescu		
10:00			Wrist and Hand Dr. Stanescu		
11:00		Shoulder and Brachium Dr. Stanescu	Neurological problems of the Upper Limb Dr. Stanescu		
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	Practical Exam 1 Physicians Section I Patients Section II	Practical Exam 1 Physicians Section II Patients Section III	Practical Exam 1 Physicians Section III Patients Section I	PACS EXAM Comprehensive	Embryology: Limb Development and Bones, Cartilages Dr. Selby
2:00					
3:00					
4:00					
5:00					

M1T1: Week 8

Structural Principles of Osteopathic Medicine (SPOM)

Time	Monday - 10/6	Tuesday - 10/7		Wednesday - 10/8	Thursday - 10/9	Friday - 10/10
8:00		Clinical Relevance of Fascia - Tensegrity Dr. Ehrenfeuchter		GI Tract - I Dr. Lu	SP Practice	Histology: Histology of the GI Tract Dr. Hielscher
9:00	Joints and Hands of the Upper Limb Dr. Selby	Anterior Abdominal Wall and Inguinal Region Dr. Lu			Lab: Abdominal (Group A)	
10:00	Radiology: Normal Radiology of the Upper Limb Dr. Selby			Histology: Histology of the Liver and Pancreas Dr. Hielscher		Lab: Abdominal (Group B)
11:00		Principles of Soft Tissue & Myofascial Release Technique Dr. Ehrenfeuchter				
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	Embryology: Embryology of the GI Tract Dr. Hardy	Lab (Group A) Layer by Layer Palpation Dr. E	SPOM REVIEW (Group B) Room 1040	Histology: Histology of Bones, Cartilages Dr. Brown	LAB: Finish Dissection of Anterior Abdominal ALS Antebrachium Wall Dissection	Lab Demo: Dr. Lu Lab: Celiac Trunk Dissection, Intestines, Pancreas
2:00		Lab (Group B) Layer by Layer Palpation Dr. E		SPOM REVIEW (Group A) Room 1040		
3:00						
4:00		Post Mortem: Exam #1 Dr. Ehrenfeuchter		Assistant Dean's Hour Drs Gregory, Buxton	SPOM Written Exam #2 Content Review Session	
5:00						

M1T1: Week 9**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 10/13	Tuesday - 10/14		Wednesday - 10/15	Thursday - 10/16	Friday - 10/17
8:00	GI Tract - II Dr. Lu	Posterior Abdominal Wall - I Dr. Lu		Posterior Abdominal Wall - II Dr. Lu	SP Practice	Histology: Histology of the Spleen and Lymphatic System Dr. Hielscher
9:00				Histology: The Blood Dr. Hielscher	Lab: Upper Extremity (Shoulder/elbow Wrist/hand) (Group B)	
10:00	Histology: Histology of Kidneys Dr. Hardy	Physiology: Physiology of Kidneys Dr. Matayoshi		Embryology: Embryology of Kidneys, Urinary System Dr. Hardy	Lab: Upper Extremity (Shoulder/elbow Wrist/hand) (Group A)	Histology Lab #4: GI Dr. Lu
11:00	Physiology: Physiology of the GI Tract Dr. Aduonum	Part II Manual Medicine an Historical Perspective Dr. Ehrenfeuchter				
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	Lab Demo: Dr. Lu Lab: Abdominal Vessels, Duodenum Spleen, Liver Removal	Lab (Group B) Soft Tissue Cervical Dr. Delp	SPOM REVIEW (Group A) Room 1040	PCBM Applied Epidemiology & Biostatistics Dr. Berkowitz & Dr. Rosenberg	Lab Demo: Surface Anatomy Session Dr. Stanescu	From 1:00p.m. to 3:00 p.m. The Lab is <i>CLOSED</i> to DO Students (Pharmacy Lab Session)
2:00		Lab (Group A) Soft Tissue Cervical Dr. Delp	SPOM REVIEW (Group B) Room 1040			
3:00				Mastery Exam: Exam 1	CMRI of Abdomen Independent Study	Lab: Kidneys, Suprarenal Glands, Colon, Lumbar Plexus
4:00						
5:00						Mock Exam #3 Setup (for Saturday)

M1T1: Week 10**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 10/20	Tuesday - 10/21	Wednesday - 10/22	Thursday - 10/23	Friday - 10/24
8:00			Embryology: Development of Genitalia Dr. Stanescu	SP Practice	SPOM Written Exam #3 Content Review Session
9:00		SPOM Written Exam #3		Lab: Lower Extremity (Back/hip/knee/ foot/ankle) (Group A)	Female Pelvis, Perineum and Internal Genitalia Dr. Stanescu
10:00	Histology Lab #5 Kidney Dr. Lu		Histology: Histology of the Reproductive system Dr. Hielscher	Lab: Lower Extremity (Back/hip/knee/ foot/ankle) (Group B)	
11:00	Congenital Anomalies of the Spine Dr. Ehrenfeuchter				
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	Lab (Group B) Soft Tissue - Thoracic Dr. Delp	SPOM Lab Exam #3	PCBM EXAM #3	Lab Demo: Dr. Brown	Tape Pelvic Muscles Independent Study
2:00					From 1:00p.m. to 3:00 p.m. The Lab is CLOSED to DO Students (Pharmacy Lab Session)
3:00	Lab (Group A) Soft Tissue - Thoracic Dr. Delp		Male Pelvis and Perineum Dr. Brown	Lab: Male Hemipelvectomy	
4:00					
5:00					

M1T1: Week 11**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 10/27	Tuesday - 10/28	Wednesday - 10/29	Thursday - 10/30	Friday - 10/31
8:00			Knee and Popliteal Fossa Dr. Selby	SP Practice	
9:00	Lower Limb Osteology Dr. Selby	Fluid Compartments Dr. Hardy		Lab Male GU/ Female GU (Group B)	
10:00	Gluteal Region and Posterior Thigh Dr. Selby	Anterior Thigh and Medial Compartment Dr. Selby	Histology Lab #6: Immune and Reproductive System Dr. Lu	Lab Male GU/ Female GU (Group A)	
11:00					
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	Lab Demo: Dr. Stanescu Lab: Female Hemipelvectomy	Radiology: Normal Radiology of Pelvis and Perineum Dr. Katz	Lab Demo: Gluteal Region Dr. Brown Lab: Gluteal Region & Posterior Thigh	Radiology: Normal Radiology of Lower Limb Dr. Katz	From 1:00p.m. to 3:00 p.m. The Lab is CLOSED to DO Students (Pharmacy Lab Session)
2:00					
3:00		Embryology: Placenta Dr. Hardy			
4:00		Assistant Dean's Hour Drs Gregory, Buxton			
5:00					

M1T1: Week 12**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 11/3	Tuesday - 11/4		Wednesday - 11/5	Thursday - 11/6	Friday - 11/7
8:00		Lab Demo: Anterior and Medial Thigh Dr. Selby				Group Study: Lower Limb Independent Study
9:00						
10:00	Leg and Ankle: Dr. Selby	Surface Anatomy Session Dr. Stanescu		Clinical Applications of the Lower Limb, The foot and Review of the Lower Limb Dr. Stanescu		
11:00						
12:00	Lunch	Lunch		Lunch	Lunch	Lunch
1:00	Lab Demo: Posterior Thigh and Popliteal Fossa Dr. Selby Surface Anatomy Session Dr. Stanescu Lab: Posterior Thigh and Popliteal Fossa Dr. Selby	Lab (Group B) Soft Tissue Lumbar Dr. Delp	SPOM REVIEW (Group A) Room 1040	Lab Demo: The Leg and Ankle Dr. Selby Lab: The Leg and Ankle Dr. Selby	Lab Review Independent Study	
2:00		Lab (Group A) Soft Tissue Lumbar Dr. Delp	SPOM REVIEW (Group B) Room 1040			
3:00						
4:00						
5:00						Mock Exam #4 Setup (for Saturday)

M1T1: Week 13**Structural Principles of Osteopathic Medicine (SPOM)**

Time	Monday - 11/10	Tuesday - 11/11	Wednesday - 11/12	Thursday - 11/13	Friday - 11/14
8:00					
9:00	SPOM Written Exam #4	OMM Written Exam 2			
10:00				PCS FINAL EXAM	
11:00					
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
1:00	SPOM Lab Exam #4	Practical Exam 2 Physicians Section II Patients Section III	Practical Exam 2 Physicians Section III Patients Section I	Practical Exam 2 Physicians Section I Patients Section II	
2:00					
3:00					
4:00					
5:00					