

Clinical Anatomy, Embryology and Imaging BMS 6115C

Summer Semester 2008

**Lynn J. Romrell, Ph.D.
Course Director**

Course Schedule

Color codes for course activities:

Anatomy Sessions

Anatomic Radiology Sessions

Embryology Sessions

Grand Rounds - Clinical Presentations

Laboratory Sessions

Independent Study Sessions – Ackland Videos and Other Resources

Examinations

Week 1 - Back & Upper Extremity

Hour	Monday 6-2	Tuesday 6-3	Wednesday 6-4	Thursday 6-5	Friday 6-6
1 – 2 PM	Anatomical Terminology	Early Development Fertilization to Gastrulation	Introduction to Anatomy by Radiologic Imaging	Radiologic Anatomy of the Vertebral Column and Spinal Cord	Grand Rounds - Clinical Presentation 1
2 – 3 PM	Spinal Deformity	Neck & Arm Pain	Breast Mass	Shoulder Injury	Nervous System Part 1
3 – 4 PM	α Teams Dissect Laboratory (5 to 13; end with Erector spinae)*	β Teams Dissect Laboratory (15 to 18; 22 to 24)*	α Teams Dissect Laboratory (20 to 21; 24 to 28)*	β Teams Dissect Laboratory (28 to 36)*	Free Time
4 – 5 PM	Muscles, nerves and vessels of the back	Vertebral Canal & Spinal Cord; Scapular Region	Superficial Dissection Upper Extremity; Pectoral Region	Axilla & Arm	
Non-Dissecting Groups View Prosections	β Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	α Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	β Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	α Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	

* Grant's Dissector, Tank, Patrick W. 14th, 2008 - pages for dissection.

Week 2 - Upper Extremity

Hour	Monday 6-9	Tuesday 6-10	Wednesday 6-11	Thursday 6-12	Friday 6-13
1 – 2 PM	Neurulation and Establishment of Body Form	Musculoskeletal System	Radiologic Anatomy of the Upper Extremities	Quiz 1	Grand Rounds - Clinical Presentation 2
2 – 3 PM	Elbow Injury	Wrist Injury	Injection – Foot Drop		Nervous System Part 2
3 – 4 PM	α Teams Dissect Laboratory (36 to 43)*	β Teams Dissect Laboratory (44 to 48; 50 to 53)*	α Teams Dissect Laboratory (148 to 159)*		Free Time
4 – 5 PM	Forearm Flexor Region and Palm of Hand	Continue Hand & Forearm Extensor Region and Joints of UE	Superficial Dissection Lower Extremity; Anterior Thigh		
Non-Dissecting Groups View Prosections	β Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	α Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	β Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21		

* Grant's Dissector, Tank, Patrick W. 14th, 2008 - pages for dissection.

Week 3 - Lower Extremity

Hour	Monday 6-16	Tuesday 6-17	Wednesday 6-18	Thursday 6-19	Friday 6-20
1 – 2 PM	Quiz 1 Review	Development of the Peripheral Nervous System	Radiological Anatomy of the Lower Extremities	Practice Practical And Review	Grand Rounds - Clinical Presentation 3
2 – 3 PM	Knee Injury	Diminished Pulses	Review Functional Anatomy of the Lower Extremity		Review Functional Anatomy of the Upper Extremity
3 – 4 PM	β Teams Dissect Laboratory (159 to 167)*	α Teams Dissect Laboratory (167 to 175)*	β Teams Dissect Laboratory (167 to 175; 180 to 184)*		Free Time
4 – 5 PM	Gluteal Region, Hip and Posterior Thigh	Leg & Foot	Leg & Foot and Joints of the Lower Extremity		
Non-Dissecting Groups View Prosections	α Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	β Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21	α Teams 3:00 - 1 to 5 3:30 - 6 to 11 4:00 - 12 to 16 4:30 - 17 to 21		

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 4 - Lower Extremity & Unit 1 Exams

Hour	Monday 6-23	Tuesday 6-24	Wednesday 6-25	Thursday 6-26	Friday 6-27
1 – 2 PM	Unit 1 Exams	Exam Review	Development of the Heart and Lungs	Chest Pain	Grand Rounds - Clinical Presentation 4
2 – 3 PM		Chest Pain and Cough	Cough and Difficulty Breathing	α Teams Dissect Laboratory (Remove heart 66 to 73)*	Radiological Anatomy of the Thorax, Lungs, and Heart
3 – 4 PM		α Teams Dissect Laboratory (54 to 60)*	β Teams Dissect Laboratory (60 to 66 up to remove heart)*	Heart and Middle Mediastinum	Free Time
4 – 5 PM		Thorax	Thorax and Lungs		
Non-Dissecting Groups View Prosections		β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 5 - Thorax

Hour	Monday 6-30	Tuesday 7-1	Wednesday 7-2	Thursday 7-3	Friday 7-4
1 – 2 PM	Development of the Heart and Lungs - 2	Neck Pain	Neck Mass	Quiz 2	Fourth of July Holiday
2 – 3 PM	Difficulty Swallowing	Study of the Skull (199 to 201)*	β Teams Dissect Laboratory (195 to 199)*		
3 – 4 PM	β Teams Dissect Laboratory (73 to 77)*	α Teams Dissect Laboratory (186 to 194)*	Viscera and Deep Neck		
4 – 5 PM	Superior and Posterior Mediastinum	Anterior and Posterior Neck			
Non-Dissecting Groups View Prosections	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16		

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 6 – Head and Neck

Hour	Monday 7-7	Tuesday 7-8	Wednesday 7-9	Thursday 7-10	Friday 7-11
1 – 2 PM	Free Day for Study Day	Quiz 2 Review	Study of the Skull (199 to 201)*	Craniofacial Development	Grand Rounds - Clinical Presentation 5
2 – 3 PM		Facial Paralysis	Severe Facial Pain	Head Injury	Eye and Its Movements
3 – 4 PM		α Teams Dissect Laboratory (201 to 207)*	β Teams Dissect Laboratory (210 to 213)*	α Teams Dissect Laboratory (220, 222 to 227)*	Free Time
4 – 5 PM		Superficial Face	Deep Face	Cranial Fossae	
Non-Dissecting Groups View Prosections		β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 7 – Head and Neck

Hour	Monday 7-14	Tuesday 7-15	Wednesday 7-16	Thursday 7-17	Friday 7-18
1 – 2 PM	Radiologic Anatomy of the Head and Neck	Craniofacial Development - 2	Cranial Nerve Review	Development of the Eye and Ear	Grand Rounds - Clinical Presentation 6
2 – 3 PM	Difficulty Breathing	Sore on the Lip	β Teams Dissect Laboratory (249 to 252) * Oral Cavity	Essential Anatomy of the Ear	Radiologic Anatomy of the Head and Neck Review
3 – 4 PM	β Teams Dissect Laboratory (235 to 240)*	α Teams Dissect Laboratory (240 to 248)*		Practice Practical	Free Time
4 – 5 PM	Pharynx and Larynx	Nasal Cavity and Palate			
Non-Dissecting Groups View Prosections	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	β Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16	α Teams 3:00 - 17 to 21 3:30 - 1 to 6 4:00 - 7 to 11 4:30 - 12 to 16		

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 8 – End Head and Neck – Unit 2 Exams

Hour	Monday 7-21	Tuesday 7-22	Wednesday 7-23	Thursday 7-24	Friday 7-25
1 – 2 PM	Unit 2 Exams	Exam Review	Hernias	Development and Rotation of the Gut	Grand Rounds - Clinical Presentation 7
2 – 3 PM		Hernia and Abdominal Wall	Severe Abdominal Pain	Blood in the Stool	Radiological Anatomy of the Abdomen and Bowel
3 – 4 PM		α Teams Dissect Laboratory (78 to 87)*	β Teams Dissect Laboratory (87 to 96)*	α Teams Dissect Laboratory (96 to 105)*	Free Time
4 – 5 PM		Abdominal Wall and Inguinal Region	Abdominal Cavity 1	Abdominal Cavity 2	
Non-Dissecting Groups View Prosections		β Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11	α Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11	β Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11	

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 9 - Abdomen

Hour	Monday 7-28	Tuesday 7-29	Wednesday 7-30	Thursday 7-31	Friday 8-1
1 – 2 PM	Independent Study Day	Weakness in the Lower Extremity	Quiz 3	Right Lower Quadrant Pain	Back Pain
2 – 3 PM		β Teams Dissect Laboratory (105 to112)*		α Teams Dissect Laboratory (113 to124 ♂; 133 to 137 ♀)*	β Teams Dissect Laboratory (113 to124 ♂; 133 to 137 ♀)*
3 – 4 PM		Posterior Abdominal Wall		Male and Female Perineum	Male and Female Perineum
4 – 5 PM					
Non-Dissecting Groups View Prosections		α Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11		β Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11	α Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 10 - Pelvis and Perineum

Hour	Monday 8-4	Tuesday 8-5	Wednesday 8-6	Thursday 8-7	Friday 8-8
1 – 2 PM	Vaginal Pain	Development of the Urogenital System	Review of the Innervation of the Viscera	Practice Practical Review Time	Grand Rounds - Clinical Presentation 8
2 – 3 PM	α Teams Dissect Vaginal Pain (124 to 133 ♂; 137 to 147 ♀)*	Trauma to the Perineum	Laboratory (124 to 133 ♂; 137 to 147 ♀)*		Radiological Anatomy of the Urogenital and Reproductive Systems
3 – 4 PM	Male and Female Pelvis	β Teams Dissect Laboratory (124 to 133 ♂; 137 to 147 ♀)*	Male and Female Pelvis		Free Time
4 – 5 PM		Male and Female Pelvis			
Non-Dissecting Groups View Prosections		β Teams 3:00 - 12 to 16 3:30 - 17 to 21 4:00 - 1 to 5 4:30 - 6 to 11			

* Grant's Dissector, Tank, Patrick W.. 14th, 2008 - pages for dissection.

Week 11 Examination Week

Hour	Monday 8-11	Tuesday 8-12	Wednesday 8-13	Thursday 8-14	Friday 8-15
Morning				Final Written Examination	NBME Subject Examination
Afternoon				Final Laboratory Exam	