Course Syllabus & Schedule

Course Director

Danielle Royer, PhD

Email: Danielle.Royer@ucdenver.edu *Office Tel:* 303-724-0515

Office Hours & Location: open door, or email for an appointment; Rm. N5209C, Bldg 500

Additional Course Faculty

The individuals listed below are involved in lectures, labs or simulations. Please contact them directly for questions or assistance outside of scheduled class time.

Chelsea Goldberg, MS	Chelsea.Goldberg@ucdenver.edu
Kimi Kondo, DO	Kimi.Kondo@ucdenver.edu
Caley Orr, PhD	Caley.Orr@ucdenver.edu
Mike Pascoe, PhD	Mike.Pascoe@ucdenver.edu
Vic Spitzer, PhD	Vic.Spitzer@ucdenver.edu
Norma Wagoner, PhD	Norma.Wagoner@ucdenver.edu

Lab Teaching Assistants

2nd year MHA students will assist you in the lab, set up an optional lab practice practical and lead a structured review session for each Unit. They may be available for extra assistance; please contact them directly for help outside of scheduled class time. You will have the opportunity to evaluate your TAs at the end of the Unit.

Andrew Cale	ANDREW.CALE@UCDENVER.EDU	Units I and II
Carissa Vinovskis	CARISSA.VINOVSKIS@UCDENVER.EDU	Units I and II
Jake Feiler	JACOB.FEILER@UCDENVER.EDU	Units III and IV
Mayu Oya	MAYU.OYA@UCDENVER.EDU	Units III and IV
Cory Buenting	CORY.BUENTING@UCDENVER.EDU	Ultrasound
Angelique Duenas	ANGELIQUE.DUENAS@UCDENVER.EDU	Ultrasound

Peer Tutors

2nd year MHA students may be available for one-on-one assistance (lab and/or lecture) for students with a demonstrated need. Please discuss this option with Dr. Royer. You will be encouraged to work with a tutor if you do not meet the minimum passing score for an exam.

Student Educators

Four 2nd year MHA students will each deliver a lecture and a review session as part of the ANAT 6490 – Advance Teaching Experience in Gross Anatomy elective. They are supervised by the course director and other faculty in developing their contributions to this course. You will be asked to evaluate each student educator, as part of their professional development. Thank you in advance for providing detailed, thoughtful, constructive feedback to your peers.

Location

Lecture, US Lab: Anschutz Medical Campus; see listings in Canvas

Lab: South + South-Central Gross Labs, Ed 1 Bldg, 5th floor (badge access required)

Credits:

This is an 8 credit hour course, with lecture and lab components. Successful completion of ANAT 6111 fulfills a core requirement of the MS Modern Human Anatomy program.

Course Description

The Human Gross Anatomy course examines the form and function of the human body at a macroscopic level. Detailed systems-based and regional anatomy lectures are complemented by introductory lectures on comparative anatomy and medical imaging. Labs provide the opportunity to dissect a complete cadaver, as well as hands-on sessions with ultrasound and select procedural simulators.

Note: While many sessions are offered jointly to students enrolled in AMNS 5007 (Human Gross Anatomy for Anesthesiology Assistants), specific course requirements may differ. Be sure that you follow the MHA objectives, dissections instructions, and schedule.

Prerequisites and Enrollment Restrictions

Students must be enrolled in the Masters of Science in Modern Human Anatomy program, or have special permission from the course director.

Learning Management System

All course materials and announcements will be posted on Canvas; it is your responsibility to monitor your Canvas notifications.

Course Organization & Learning Strategies

The course is divided into 4 Units, each of which covers specific anatomical regions and introduces the major systems of the human body. Learning strategies include didactic lectures, imaging workshops, and hands-on dissection labs, ultrasound sessions, and procedural simulators.

Unit I: Back & Upper Limb

Anatomical Terms; Intro to Musculoskeletal, Circulatory & Nervous Systems

Regional Anatomy of the Back and Upper Limb

Unit II: Head & Neck

Intro to Central Nervous System and Cranial Nerves

Regional Anatomy of the Head and Neck

Unit III: Thorax & Abdomen

Intro to Respiratory, Cardiovascular, and Digestive Systems

Regional Anatomy of the Thorax and Abdomen

Unit III: Pelvis & Lower Limb

Intro to Urogenital and Reproductive Systems

Regional Anatomy of the Pelvis, Perineum, and Lower Limb

While the anatomical regions are distinct between Units, most of the systems have a good deal of overlap between Units. For example, you will be introduced to fundamental concepts about the musculoskeletal system in Unit I, but we will also cover muscles and bones in Units II-IV. This means that you will be required to build upon concepts from a previous unit.

You are expected to attend all classroom lectures, and actively participate in all cadaver dissections and hands-on ultrasound sessions. Specific learning objectives will be provided for each session, and an MHA Structure List will be provided for each lab to help guide your study. These materials will be posted on Canvas. It is your responsibility to come to class prepared for the day's activity.

Educational Goals & Learning Objectives

By the end of the course, you will be able to

- Employ appropriate anatomical terminology
- Describe the form and basic function of major systems in the human body:
    - Musculoskeletal system
    - Circulatory system
    - Nervous system
    - Respiratory system
    - Digestive system
    - Urogenital system
    - Reproductive system
- Identify (name and locate) major skeletal, muscular, vascular, and nervous structures in the following anatomical regions:
    - Back
    - Upper Limb
    - Head
    - Neck
    - Thorax
    - Abdomen
    - Pelvis & Perineum
    - Lower Limb
- Describe anatomical relationships between the major skeletal, muscular, vascular, and nervous structures in the anatomical regions listed above
- Use common medical imaging modalities to view and differentiate major anatomical structures and relationships
- Perform live ultrasound scans to view and differentiate major anatomical structures and relationships

Specific learning objectives will be provided for each classroom session, and a Structure List will be provided for each lab to help guide your study. These materials will be posted on Canvas.

Schedule

Class begins **Monday, January 22nd 2018** and ends with the Final Exam on **Tuesday, May 15th 2018**. A detailed schedule is provided in this syllabus and posted on Canvas; ***please pay close attention to the Canvas Calendar, as meeting days, times, and locations may change***.

Attendance & Preparation

Dissection and ultrasound lab attendance is mandatory, other sessions are optional but strongly recommended. Please notify the course director and your table members if you have a valid absence from lab. Repeated absences may be discussed with your program leadership.

For dissection, students are assigned to a specific table, each with its own cadaver; table assignments re final (see last page). All students are responsible for reading the Cadaver Dissection Guide (plus supplementary pages) in advance of each respective lab, and ensuring that each dissection exercise is fully completed, even if this means additional time outside of designed lab time. You are responsible for identifying all structures listed in the MHA Structure List for each Unit, even if you did not identify or preserve a structure at your table. You will be tested on all cadavers in the lab, including the prosection cadaver. Please be ready to begin lab promptly at 1pm.

A pair of AA students will also be assigned to each table. During AA lab days, each MHA table will provide 10-15mins of peer teaching at their cadaver for the AAs (2pm for student A; 4pm for student B). An AA structure list will guide these peer teaching sessions.

You are expected to undertake appropriate prior preparation for each classroom, and actively participate during each session. Some sessions will utilize an interactive team-based format or flipped classroom approach. You will be notified of these sessions and the required preparatory work ahead of time via Canvas Announcements.

Required & Recommended Course Materials

Please ensure that you have all the required materials no later than the first week of class.

Locker space is provided adjacent to the gross lab; please bring your own lock. You may leave items in the lab next to your assigned table; however, you do so at your own risk. The lab is a communal space.

Textbooks

Required

1. **Thieme MyCourse Subscription, Anatomy – An Essential Textbook → $85.15**
   New for 2018, the course will use a digital, customized version of Thieme Anatomy – An Essential Textbook. Throughout the semester, you will have required readings and practice materials from this e-book.

   Each student is <u>required</u> to purchase a subscription from the CU-AMC Bookstore. On the first day of class, we have an appointment with the Bookstore (3-3:30pm) to facilitate your purchase. If you prefer to obtain your subscription before the semester starts, please visit the Bookstore and give them the course code and your name. Note that the

e-book will be published by January 15th 2018 (an announcement will be made via Canvas).

Once you have purchased your subscription, you will receive an access code and a Student User Guide by email. Please note there is a MyCourse Reader app for mobile devices, but you must initially register for MyCourse on a computer/browser first. **Do not** initially register your MyCourse subscription in the Reader app.

Your subscription give you access to the e-book for 1 calendar year. To maintain access to this resource beyond 1 year, you must download all modules of the e-book before your expiration date.

2. **Visible Human Dissector Pro (with Cadaver Dissection Guide) → Free!**
   The CDG and VHD are available on all lab computers. Dr. Spitzer will provide this program free for use on your personal computer; look for an access code in your email in January. To report problems with VHD, or request a new access code, contact TOLTech Support (support@toltech.net), notify them that you are in a course at CU-AMC.

Recommended:

Any regional anatomy atlas, such as:

Thieme Atlas of Anatomy, Grant's Atlas of Anatomy, Netter's Atlas of Human Anatomy, Rohen's Color Atlas of Anatomy

Any edition is suitable. Exclusively systems-based atlases are not recommended for our dissection-based course. The Course Director, MHA program, and AMC-Health Sciences library have copies available to help you determine which style fits you best. A good anatomy atlas will be an excellent resource to have throughout your studies and career. The lab has a copy of the Thieme Atlas of Anatomy and Grant's Atlas of Anatomy for each table.

Dissection Instruments

Used instruments will be available to you for **free** during the first week of class, including the Lab Orientation on day 1. Please be sure you have a sturdy puncture-proof (hard-top) container to hold your instruments, or plan to share one with your group.

Required: approximately 2-3 of each item below per dissection group, on-hand for each lab

- **Hard-top container for instruments** (1 per table at least)
- **Scalpel handles** (stainless steel #3 and #4 handles are recommended)
- **Scalpel blades** (approx. 2 blades per lab) **Be Sure Blades Fit Your Handles!** (e.g., #10 blades fit #3 handle; #20-22 blades fit #4 handle)
- **Forceps** (get a mix of sizes and tips: tissue/rat-toothed, blunt with serrated tips)

- **Hemostats** aka locking forceps
- **Scissors** (get a mix of large, rounded tips; Iris, small sharp scissor with pointed tips)
- **Blunt probe** (aka Mall probe; this is not the same as a pin or teasing needle!)
- **Puncture-proof (hard top) container for tools** (1 per table minimum)

Optional: Additional specialized dissection tools, dental cleaning tools and/or wax molding tools are also useful for cadaver dissection.

If you want to buy your own instruments: The AMC Bookstore sells dissection kits, but it may be more cost-effective to shop around online. You can purchase a pre-made kit, or put together your own. Pre-made kits often have items we don't use (e.g., pipet, teasing needle, plastic ruler). I encourage you to gather used instruments at the end of the semester, and donate them to the new incoming class. Below are some purchasing options; feel free to flex your Google muscles and find the best deal!

Carolina Company Dr. Instruments Mopec Amazon (keyword: Dissection Kit)

Laboratory Personal Protective Equipment

Required

- **Disposable gloves** (latex or nitrile; do not re-use, **you are responsible for procuring your own gloves**)
- **Close-toed shoes**
- **Scrubs or other comfortable clothes** (occupational health and safety regulations require ***dedicated*** lab clothing; do not wear lab clothes outside anatomy floor).
- **Protective eyewear** when using electric saws (provided for you)
- **Surgical (dust) mask** when using electric saw (provided for you)

Optional: Plastic apron, plastic forearm sleeve**,** surgical gown or lab coat

You should consider buying gloves in bulk and sharing the cost with classmates.

Additional Optional Educational Resources

Numerous instructional materials and review sessions have been developed to help you succeed in the course. Each will be posted on Canvas and announced as appropriate.

Using the resources or attending the sessions outlined below is optional:

- Lab orientation and dissection technique videos
- Simulation or SECTRA Imaging Sessions (1 per Unit, for extra credit)

- Interactive Osteology Self-Study Modules (1 per Unit), to use in conjunction with the bone room and osteology structure ID list as you review bony anatomy
- #FindItFriday, team-based learning anatomical structure and relationship review sessions using VHD cross-sections (2 per Unit)
- Active Learning Review Sessions (1 per Unit), led by MHA student educators (topics tbd)
- Lab practice practical (1 per Unit), organized by the lab TAs
- Semi-Structured review session (1 per Unit), led by lab TAs
- Open ultrasound scan time (Noon-1pm on ultrasound lab days)

Grading Policy

Student progress in the course is assessed based on 1 written exam, 1 lab practical exam, and 1 dissection quiz per Unit. The final grade contribution of each assessment is outlined below:

Written Exams (56%); Practical Exams (40%); Group Dissection Quizzes (4%)

Assessment	Final Grade Contribution (%)
Written Exams	
Unit I	14
Unit II	14
Unit III	14
Unit IV	14
Lab Practical Exams	
Unit I	10
Unit II	10
Unit III	10
Unit IV	10
Group Dissection Quizzes	
Unit I	1
Unit II	1
Unit III	1
Unit IV	1
TOTAL	**100%**

Final Grade

At the end of the course, a final letter grade will be assigned according to the MHA program scale. As per program policy, a minimum grade of B- is required for successful completion of the course.

A	93-100%	C	73-76%
A-	90-92%	C-	70-72%
B+	87-89%	D+	67-69%
B	83-86%	D	63-66
B-	80-82%	D-	60-62
C+	77-79%	F	59% and below

Assessments

The honor code is in effect, and cheating will not be tolerated. It is an academic violation to discuss assessments with others in the class who have not yet taken their assessment, or while the assessment is in progress. Use of external resources during exams and quizzes is not permitted. It is an academic violation to copy or share the exam in any way. **Do Not Cheat.**

Unit Written Exams

Each written exam consists of multiple choice questions and fill-in-the blank blood flow questions administered in Canvas. You will have 2.5hrs to complete the exam in a proctored computer classroom. Written exams are not cumulative; however, note that some concepts do build on each other as the class progresses.

You may use a blank sheet of paper during the exam and a blank grid paper; any such papers must be turned in at the end of the exam.

For each Unit, practice written quizzes will be available on Canvas to help you prepare and simulate an electronic assessment. Practice questions are similar in style, level of detail and difficulty to the written exam. It is an academic violation to copy or share the exam or practice tests in any way. TA review sessions will be available to review quiz questions, and you may seek help of course faculty with practice questions.

Unit Lab Practical Exams

Lab practical exam consists of up to 45 fill-in-the-blank questions. You will have 1 minute per question. The majority of the lab practical consists of identify questions based on structures tagged on a cadaver, prosection, bone, model, cross-section, or medical imaging; a subset of questions may be second order (e.g., what is the nerve supply to the tagged muscle?). Each lab practical will include 2 static ultrasound images for extra credit (0.5 points each).

You will not have the opportunity to revisit a station after your allotted time, nor can you touch the specimens during the exam. Each structure listed on the MHA Structure List and Osteology

List for that Unit may be assessed; lab practicals are not cumulative. Cell phones, electronics, and ear buds are not permitted in the lab exam. You may draw or sketch in the margins of your answer sheet, but only during the time limit of the exam.

Answers will be posted at each station in the lab immediately after the completion of the exam, to give you the chance to review the exam. In addition, the practical key will be posted for a limited time and your answer sheet will be returned to you.

Group Dissection Quizzes

Each dissection table will take the dissection quiz together, during the specific time. The group will have up to 20 minutes to answer 10 identification questions from the MHA Structure ID List. Each ID will be scored as follows: correct identification (1pt), structure intact (0.5pt), structure well cleaned (0.5pt).

Exam Review

You can review your exam in Canvas after the grade is posted for a limited period of time (to be announced at each exam). During this time, please discuss any perceived errors in your grade with the Course Director. Modifications to grades will not be discussed beyond this timeframe. You may not keep your written exam, or a copy of the exam. It is an academic violation to copy or share the exam in any way.

Extra Credit

As noted above, each Unit Lab Practical will include 2 static ultrasound images for extra credit (0.5 points each).

In addition, you have the opportunity to complete procedural simulation activities and/or interactive sessions with the cadaver CT scans using the Sectra Education Portal provided by ToLTech. For attendance and active participation in each activity, you will earn 1 extra point on the Written Exam for that Unit. More details will be available during week 1.

There is no remediation or alternative scheduling for the extra credit opportunities listed above.

Make-Up Exams

No make-up exams will be offered for students who fail to show up for one of the scheduled exams, or who perform poorly. No make-up lab practical exams will be given under any circumstances.

In the case of a severe illness, funeral of a close family member, personal life event or unplanned catastrophic event (as defined by University rules), a make-up written exam may be scheduled with the Course Director. The exam will be scheduled as soon as realistically possible at a time that is mutually agreed upon by the Course Director and student. The Course Director will provide advanced notice of the make-up exam format. If you also missed a lab practical exam, the other lab exams will be weighted accordingly to compensate.

Student Responsibilities:

As adult learners, you are expected to take responsibility of your own education by engaging in active learning, peer teaching and problem-solving activities, as well as helping to create a suitable atmosphere for learning. To this end, it is your responsibility to:

- Arrive on time. If you are late, please enter quietly and take care to minimize disturbing your classmates. If you are late, please wait until a break to ask content related questions – this is in case the same question may have already been discussed before your arrival.
- Silence cell phones. If you must take an urgent call, please step outside of the classroom quietly. Cell phones are NOT permitted during the lab or written exam.
- Adhere to the lab policies outlined during the Lab Orientation, both during and outside of regular class time.
- Read the textbook/lab instructions or view an assigned module BEFORE each session; lecture and lab should not be your first exposure to the day's content.
- Ensure each dissection exercise is completed in full. You and your tablemates may need to spend additional time in the cadaver lab to catch up on dissection, if you have fallen behind.
- Review structures on all the cadavers on your own time. Ideally, this lab review will happen frequently in each Unit; you should not wait until the end of a Unit to begin your lab review.
- When necessary, seek help immediately and frequently. The lab faculty and TAs may be available for reviews outside of assigned lab time; request and set up a meeting time.
- Provide constructive feedback on the course. An optional informal survey will be open to you each week, in addition to the mandatory end-of-course evaluation.

Devices in Class

There is research which suggests that writing notes by hand on paper helps you learn and retain the material better. However, if you have a need or a preference for using a laptop/tablet in class, you may do so. Please avoid doing things that aren't related to the class, and be respectful of those around you.

Code of Conduct Policy & Professionalism

Students are expected to abide by the Graduate School's Student Academic Honor & Conduct Code, as well as policies outlined in the MHA Student Handbook. Students are expected to act in a professional manner. Academic dishonesty, including cheating and sharing exam details will not be tolerated.

Anatomical Donors & CO State Anatomical Board

You will be working closely with human cadavers provided by the Anatomical Board of the State of Colorado. It is a privilege to work and learn with human donors. To honor this privilege, you must treat all cadavers and donated remains with respect, dignity and decorum.

You are expected to adhere to the lab rules and guidelines outlined during the Lab Orientation, and attend the Donor Memorial Ceremony held in the spring.

If a relative or friend of yours has made an anatomical gift donation to the Anatomical Board of the State of Colorado within the last 2 years, please notify the Course Director as soon as possible so that we may pre-screen the class specimens.

Religious Holiday Accommodations

It is your responsibility to notify the Course Director by the end of the 2nd week of the semester if you anticipate a conflict between your observance of religious holiday(s) and the requirements for this course.

Disability Services

Students with documented disabilities should inform the Course Director as soon as possible. It is the student's responsibility to work with the Office of Disability Resources and Services to provide a letter specifying the necessary accommodations to the course director as soon as possible.

The contact information for the Office of Disability Resources and Services is as follows:

Sherry Holden (sherry.holden@ucdenver.edu) Selim Ozi (selim.ozi@ucdenver.edu)

Incomplete Policy

Incomplete (I) grades are not granted for low academic performance. To be eligible for an "I" grade, you must:

1) Successfully complete a minimum of 75% of the course
2) Have special circumstances beyond your control that prevents you from attending class and/or completing coursework. Note that verification of special circumstances is required.
3) Make arrangements to complete missing coursework with the original instructor
4) If the missing coursework is not completed within 1 year from the end of the semester in which the original course was scheduled, the "I" grade will convert to an "F" grade on your official transcript.

Withdrawal Policy

The deadline for which a student may withdraw from a course is approximately one month before the finals week (**April 20th for Spring 2018**). Withdrawal from the course after the

Add/Drop date specified by the Graduate School will result in no tuition refund and "W" will appear in the transcript.

Resolution of Conflicts

Good faith efforts will be made by students, faculty, and program and university administration to settle all appeals, complaints and grievances on an informal basis. Such efforts include conferences between the persons directly involved and others who may help solve the problems. Formal conflict resolution policies are detailed in the policies and procedures of the Graduate School, University of Colorado Denver.

Weekly Schedule & Topic Outline (see next page and Canvas)

Sessions start promptly at the top of the hour. Lectures are 50mins long; a 10mins break will be provided in between consecutive lecture hours. Classroom listings will be posted in Canvas. Optional class activities are included on the schedule. ***Schedule and room changes may occur; you are advised to check the Canvas calendar and Announcements for changes.***

Schedule Key: Gross Anatomy Classroom Session (*optional session*); Radiology Lecture; Extra Credit Simulation/SECTRA; Cadaver Lab; US Lab; Quiz & Exam

Week	Day	Start	End	Session	Faculty
1 **22-Jan**	**M 1/22**	1pm	3pm	Course Orientation & Strategies for Success	Royer
		3pm	5pm	Lab & Anatomical Gift Orientation, Visit to Lab **Note: 3-3:30pm, Bookstore appointment, purchase Thieme MyCourse e-book**	Royer
	T 1/23	1pm	3pm	Intro to Terminology & Systems, Vertebral Column & Spinal Cord	Royer
		3pm	5pm	VHD Demo & Cadaver CT Scans	Spitzer
	W 1/24	1pm	3pm	Back & Shoulder	Orr
	Th 1/25	1pm	5pm	**Lab 1**: Back & Vertebral Column	Lab
	F 1/26	1pm	3pm	Pectoral Region & Axilla, Brachial Plexus	Orr
		3pm	4pm	Intro: Circulatory System Flipped Classroom	Royer
2 **29-Jan**	**M 1/29**	1pm	5pm	**Lab 2**: Suboccipital Triangle	Lab
	T 1/30	1pm	2pm	**Radiology: Intro to Medical Imaging**	Kondo
		2pm	4pm	Upper Limb Circulatory – Flipped	Royer
	W 2/31	1pm	5pm	**Lab 3:** Shoulder *(+ Joint Neuro Spinal Cord lab)*	Lab
	Th 2/01	1pm	5pm	**Lab 4**: Pectoral Region & Axilla	Lab
	F 2/02	10am	2pm	**US Lab #1: Intro to US**	Royer
		2pm	4pm	Arm & Forearm	Orr
		4pm	*5pm*	***Find-It Friday***	*Royer*
3 **5-Feb**	**M 2/05**	1pm	5pm	**Lab 5**: Axilla cont.	Lab
	T 2/06	1pm	5pm	**Lab 6**: Arm, Cubital Fossa & Forearm	Lab
	W 2/07	1pm	3pm	Hand & Upper Limb Joints	Orr
	Th 2/08	1pm	5pm	**Lab 7**: Forearm & Dorsum of Hand	Lab
	F 2/09	1pm	4pm	**US Lab #2**: Back & Upper Limb	Royer
		4pm	*5pm*	***Find-It Friday***	*Royer*

4 **12-Feb**	**M** **2/12**	1pm	5pm	**Lab 8:** Palm	Lab
	T **2/13**	1pm	3pm	**Radiology: Back & Upper Limb**	Kondo
		3pm	*4pm*	***Active Learning Review, Unit 1***	*Std. Ed*
	W **2/14**	1pm	5pm	**Lab 9**: Finish Palm, Upper Limb Joints	Lab
	Th **2/15**	1pm	3pm	**Unit I Dissection Quiz** (assigned time TBD)	Lab
		3pm	*5pm*	*Lab Review (optional)*	*Lab*
	F **2/16**	1pm	3:30pm	**Unit I Written Exam**	Computer Lab
		4pm	5pm	**Unit I Lab Practical**	Lab
5 **19-Feb**	**M** **2/19**	*No Class – Holiday*			
	T **2/20**	1pm	3pm	Skull & Brain, Face	Orr
	W **2/21**	1pm	3pm	Anterior & Posterior Neck	Orr
	Th **2/22**	1pm	5pm	**Lab 10**: Face	Lab
	F **2/23**	1pm	5pm	**Lab 11**: Face cont., begin Anterior & Lateral Neck	Lab
6 **26-Feb**	**M** **2/26**	1pm	5pm	**Lab 12**: Anterior & Lateral Neck cont.	Lab
	T **2/27**	1pm	4pm	Cranial Nerves Part I, Head & Neck Circulatory – Flipped I	Royer
	W **2/28**	1pm	3pm	Cranial Nerves Part II	Royer
	Th **3/01**	1pm	5pm	**Lab 13**: finish Anterior & Lateral Neck	Lab
	F **3/02**	1pm	2pm	Cranial Nerves Part III	Royer
		2pm	4pm	Orbit, Nasal Cavity & Ear	Orr
		4pm	5pm	Head & Neck Circulatory – Flipped II	Royer
7 **5-Mar**	**Mon** **3/05**	1pm	5pm	**Lab 14**: Cranial Cavity & Brain	Lab
	Tues **3/06**	1pm	3pm	Infratemporal Fossa, Oral Cavity	Std. Ed Std. Ed
		3pm	4pm	Head & Neck Circulatory – Flipped III	Royer
	Wed **3/07**	1pm	5pm	**Lab 16**: Orbit *(with joint neuro brain lab)*	Lab
	Thurs **3/08**	1pm	5pm	**Lab 15**: Infratemporal Fossa	Lab
	Fri **3/09**	1pm	3pm	Pharynx & Larynx	Orr
		3pm	*4pm*	***Active Learning Review, Unit 2***	*Std. Ed.*
		4pm	*5pm*	***Find-It Friday***	*Royer*

8 **12-Mar**	**M** **3/12**	1pm	5pm	**Lab 17**: Nasal Cavity & Palate (disarticulate & bisect head)	Lab
	T **3/13**	1pm	5pm	**Lab 18**: Oral Cavity & Pharynx	Lab
	W **3/14**	1pm	3pm	**Radiology: Head & Neck**	Borges
	Th **3/15**	1pm	5pm	**Lab 19**: Larynx & Deep Neck	Lab
	F **3/16**	1pm	4pm	**US Lab #3: Eye & Neck**	Royer
		4pm	*5pm*	***Find-It-Friday***	*Royer*
9 **19-Mar**	*No Class This Week – Spring Break*				
10 **26-Mar**	**M** **3/26**	1pm	3pm	**Unit II Dissection Quiz** (assigned time TBD)	Lab
		3pm	5pm	*Lab Review (optional)*	*Lab*
	T **3/27**	1pm	3:30pm	**Unit II Written Exam**	Computer Lab
		4pm	5pm	**Unit II Lab Practical**	Lab
	W **3/28**	*No Class Today*			
	Th **3/29**	1pm	3pm	Thoracic Wall & Breast, Lungs & Lower Respiratory Tract	Std. Ed. Std. Ed.
	F **3/30**	1pm	2pm	Heart & Mediastinum	Goldberg
		2pm	4pm	Thorax Circulatory – Flipped	Royer
11 **2-Apr**	**M** **4/02**	1pm	5pm	**Lab 20**: Ant Thoracic Wall & Lungs, Heart	Lab
	T **4/03**	1pm	3pm	Autonomics, Visceral Afferents, & Lumbosacral Plexus	Royer
	W **4/04**	1pm	5pm	**Lab 21**: Finish Heart, Superior & Posterior Mediastinum	Lab
	Th **4/05**	10am	2pm	**US Lab #4**: Thorax (groups TBD)	Royer
		2pm	4pm	Abdominal Wall & Inguinal Canal, Peritoneal Cavity & Abdominal Viscera I	Royer
	F **4/06**	1pm	2pm	Peritoneal Cavity & Abdominal Viscera II	Royer
		2pm	3pm	Diaphragm & Posterior Abdomen	Goldberg
		3pm	*4pm*	***Find-It Friday***	*Royer*
12 **9-Apr**	**M** **4/09**	1pm	5pm	**Lab 22**: Anterior Abdominal Wall & Inguinal Canal (not testes)	Lab
	T **4/10**	1pm	3pm	Abdomen Circulatory – Flipped	Royer
	W **4/11**	1pm	3pm	**Lab 23**: Abdominal Cavity In-Situ	Lab
	Th **4/12**	10am	2pm	**US Lab #5**: Abdomen	Royer
		1pm	5pm	**Lab 24**: Abdominal Cavity	Lab

	F 4/13	*12pm*	*1pm*	***Find-It-Friday***	*Royer*
		1pm	5pm	**Lab 25**: finish Abdominal Cavity	Lab
13 16-Apr	M 4/16	1pm	5pm	**Lab 26**: Posterior Abdominal Wall & Kidney	Lab
	T 4/17	2pm	4pm	**Radiology: Thorax & Abdomen**	Kondo
		4pm	*5pm*	***Active Learning Review, Unit 3***	*Std. Ed.*
	W 4/18	1pm	3pm	**Unit III Dissection Quiz** (assigned time TBD)	Lab
		3pm	5pm	*Lab Review (optional)*	*Lab*
	Th 4/19	1pm	3:30pm	**Unit III Written Exam**	Computer Lab
		4pm	5pm	**Unit III Lab Practical**	Lab
	F 4/20	*No Class – AAA/EB & AAAA meetings*			
14 23-Apr	M 4/23	*No Class – AAA/EB & AAAA meetings*			
	T 4/24				
	W 4/25				
	Th 4/26	1pm	4pm	Gluteal Region, Thigh & Leg, Lower Limb Innervation	Pascoe
	F 4/27	1pm	2pm	Lower Limb Circulatory – Flipped	Royer
		2pm	4pm	Foot, Lower Limb Joints	Pascoe
15 30-Apr	M 4/30	1pm	5pm	**Lab 27**: Anterior & Medial Thigh	Lab
	T 5/01	1pm	5pm	**Lab 28**: Gluteal Region & Posterior Thigh	Lab
	W 5/02	1pm	5pm	**Lab 29**: Popliteal Fossa & Leg, begin Foot	Lab
	Th 5/03	1pm	3pm	Pelvis & Perineum	Royer
		3pm	4pm	Pelvis Circulatory – Flipped	Royer
	F 5/04	1pm	3pm	**Radiology: Pelvis & Lower Limb**	Kondo
		3pm	4pm	Lumbosacral plexus – pelvis & perineum	Royer
		4pm	*5pm*	***Find-It Friday (lower limb)***	*Royer*
16 7-May	M 5/07	1pm	5pm	**Lab 30**: Sole of Foot, Lower Limb Joints	Lab
	T 5/08	1pm	5pm	**Lab 31**: Ischioanal Fossa, Perineum (+ testes)	Lab
	W 5/09	1pm	5pm	**Lab 32:** finish Perineum, Pelvis Hemisection	Lab
	Th 5/10	10am	2pm	**US Lab #6:** Pelvis & Lower Limb	Royer
		1pm	5pm	**Lab 33**: finish Pelvis	Lab

	F 5/11	*1pm*	*2pm*	***Active Learning Review, Unit 4***	*Std. Ed.*
		2pm	*3pm*	***Find-It-Friday (pelvis)***	*Royer*
17 14-May	**M 5/14**	1pm	3pm	**Unit IV Dissection Quiz** (assigned time TBD)	Lab
		3pm	*5pm*	*Lab Review (optional)*	*Lab*
	T 5/15	1pm	3:30pm	**Unit IV Written Exam**	Computer Lab
		4pm	5pm	**Unit IV Lab Practical**	Lab

Table Assignments

AAs alternate joining the MHAs at their assigned table for 10-15mins of peer teaching during each AA prosection lab (A = 2pm; B = 4pm). Group assignments are final.

Table No.	SAB Donor ID	Donor Information	MHA Assignments (dissection)	AA Assignments (peer teaching)
1	9631	Female, 85 COD: Lung cancer, COPD, CAD, dementia	Helms, Haylie	Bozzi, Sara (A)
			Castillo, Christine	Paisley, Harper (B)
			Rousseau, Natasha	
			La Croix, Aleyna	
2	9657	Male, 89 COD: Aortic stenosis	Ware, Meredith	Hayden, Lori (A)
			Wolfe, Preston	Holt, Jordan (B)
			Hourigan, Natalie	
			Alzofon, Nat	
3	9633	Female, 91 COD: Lung cancer w/METS to bone	Hong, Chorong	Linkner, Alexander (A)
			Clemens, Athena	London, Jonathan (B)
			Matin, Narida	
			Kelly, Brian	
4	9644	Male, 86 COD: Lung cancer, COPD	Rosicke, Samantha	Lugert, Andrew (A)
			Malham, Mark	Minbiole, Keith (B)
			Bernal, Lindsay	
			Taylor, Sydney	

Tables 1-4 are located in the South-Central Lab

Table No.	SAB Donor ID	Donor Information	MHA Assignments (dissection)	AA Assignments (peer teaching)
5	9634	Female,77 COD: Colon cancer w/METS all over	Marchetti, Daniel	Payne, Karen (A)
			Plunkett, Cassidy	Quigg, Ryan (B)
			Kashyap, Ritesh	
			Dunn, Brian	
6	9656	Male, 81 COD: Lymphoma	Szuster, Debra	Reuschel, Alexis (A)
			Ruse, Riley	Sanders, Reeve (B)
			Thomsen, Peter	
7	9641	Female, 75 COD: Breast cancer w/METS to bone & lung	Davis, Nathan	Steinbrecher, Isaac (A)
			Eltom, Hiba	Younes, Serena (B)
			Hackmaster, McKenzie	
8	9645	Male, 86 COD: Prostate Cancer, CHF, PKD	**Prosection** used for AA demo, available for review for all, used for lab exams for all	

Tables 5-8 are located in the South Lab