

KRS/ANAT 604: Upper Extremity, Head, Neck, and Spine <> Fall 2017
Department of Anatomy, Biochemistry, Physiology and Reproductive Biology

"Hic est locus ubi mors faudet succurso vitae"

Cris Stickley, PhD, ATC, CSCS
Office: KRS 210
Phone: 956-3798
Email: cstickle@hawaii.edu
Office Hours: T & R 8:00-9:00 or by appt.

Kyoko Shirahata, MS, ATC
Office: KRS 224
Email: kshiraha@hawaii.edu

Egle Ortega
Office:
Email: egle@hawaii.edu

Credits: 3
Schedule: Tuesday 1:00-4:00 p.m.
Classroom: MEB 304

Required Texts:

Clinically Oriented Anatomy (6th/7th Ed.); Moore & Daily; Lippincott, Williams & Wilkins

Grant's Dissector (15th Ed.); Sauerland; Lippincott, Williams & Wilkins

*****YOU ARE RESPONSIBLE FOR THE MATERIAL IN THE 15th Edition REGARDLESS OF WHICH EDITION YOU BUY OR USE.**

Anatomy Atlas:

- Atlas of Human Anatomy (3rd Ed.); Netter & Hansen; ICON Learning Systems
- or
- Grant's Atlas of Anatomy (11th Ed.); Agur & Daily; Lippincott, Williams & Wilkins

Required Laboratory Supplies:

Lab smock; Mask (optional);

Course Description

Human gross anatomy dissection of the upper extremity, head, neck, and spine with emphasis on muscles, function, innervation, and vascular supply. A-F only. Repeatable one time. Pre: departmental approval. Fall only.

Conceptual Framework of the College of Education

A sense of purpose, a sense of place: Preparing knowledgeable, effective, and caring educators to contribute to a just, diverse, and democratic society

Standards-Based Education and the College of Education Conceptual Framework: Standards describe what teachers, other professionals, and students at all levels should know, be able to do, and care about. The College of Education Conceptual Framework requires candidates to be knowledgeable, effective, and caring. These three standards are a part of all learning experiences in your program.

This course is designed to support the core values of the College of Education. The course will support you in becoming:

- Knowledgeable of content, pedagogy, and learners. Valuing inquiry and collaboration in the learning process.

- Effective in using your professional experience and skills to ensure all children and others learn through active participation and reflection
- A caring professional who is ethical, respectful, and sensitive to students, their families, and communities and believes that all individuals can learn

KRS Program Objectives

Through this course, students will meet the following PP-AATP Program objectives:

- demonstrate advanced understanding of human anatomy content and principles
- demonstrate advanced understanding of anatomical structures in human cadaver
- demonstrate the ability to apply principles of human anatomy to orthopedic evaluation and rehabilitation
- stimulate the desire for lifelong professional development to provide “cutting edge” service to the profession, the state, the nation, and the Pacific Rim.

Course Objectives

Students are expected to acquire:

Knowledge of:

- human anatomy content and principles
- anatomic structures

Skill in:

- cadaver dissection and structure location
- applying principles of human anatomy to clinical scenarios

Students are expected to build their *caring* disposition by:

- demonstrating an appreciation of the contribution of donors to the individual student’s education

Expectations of Students/Evaluations of Students

Students are expected to attend all classes and to have read the required class material for the day it is covered in lecture. Students are allowed 2 absences during the semester, only 1 of which may be unexcused. An absence may be considered excused ONLY if the instructor is informed PRIOR to class. Absences beyond the number allowed per this policy will result in a 10% reduction in the FINAL GRADE.

Students will be evaluated through 3 unit exams, quizzes over readings, and lab grades throughout the semester.

Quizzes throughout the semester may be announced or unannounced and will cover the materials in the required reading for that day’s class. Each student may drop 1 quiz score during the semester.

Lab grades will be taken during the semester on lab quizzes or dissection evaluations. Lab grades may be announced or unannounced and will cover the previous week’s assigned dissections.

No Make-Up Exams or Quizzes Will Be Given

*****THIS IS A DIGITAL FREE CLASSROOM DURING LECTURES:** No laptops, tablets or other electronic devices are to be utilized during classroom lectures for the purpose of note taking or any other work unless directly indicated by the instructor.

See: Mueller & Oppenheimer, Psychological Science **2014** vol. 25 no. 6 **1159-1168**

Assignments/Academic Requirements

Unit Exam #1	20%		
• Written Exam (10%)			
• Lab Practical (10%)			
Unit Exam #2	20%	Grading	
• Written Exam (10%)		100-90%	A
• Lab Practical (10%)		89-80%	B
Unit Exam #3	40%	79-70%	C
• Written Exam (15%)		69-60%	D
• Cumulative Written (10%)		<60%	F
• Lab Practical (15%)			
Lab Grade	10%		
Lecture Quizzes	10%		

Rules for Gross Anatomy Lab

- ABOVE ALL: You are to show the deepest respect for and maintain the dignity of those who have graciously donated their bodies for our continued educational growth. Failure to do so may result in removal of lab privileges and failure of the course.
- NO Photography for any purpose
- Only students enrolled in the course & appropriate medical personnel are allowed in the lab.
- NO anatomic material may be taken from the lab.
- NO food or drink is allowed in the lab at any time.
- Closed-toed shoes must be worn at all times in the lab.
- You will have open access to the lab to use to your advantage during the semester. You will be required to sign-in at the front desk and present a picture ID. If another class is meeting in the lab, please return at a later time.

Health Conditions

All students are required to participate in anatomical laboratories. If you have a health condition that may interfere with participation in lab, please see the Chair of the Department (JABSOM, Kaka'ako, BSB 11 or 692-1448). You are also highly encouraged to inform the instructor. You may be required to obtain a physician note to excuse you from the lab portion of the class.

Pregnancy

Effects of formalin on human embryos and fetuses have not been definitively determined. If you are pregnant or become pregnant during the course, you are strongly recommended to inform the Instructor. You may be required to obtain clearance from your obstetrician with respect to the gross anatomy laboratory. On your request, there are special OHS approved masks available to you. Please note that, unfortunately, these masks are confining and uncomfortable. You should always wear gloves and you may want to take a 10 minute break for every hour you are in the lab.

A Note on Ethical Behavior

Please be aware that all work you submit as yours must include proper documentation and crediting of the source. Failure to properly introduce and document paraphrased material or a borrowed idea is plagiarism. Plagiarism will result in sanctions. A discussion of Academic Dishonesty may be found in the *UH General and Graduate Information Catalogue* under "Student Regulations". Also see the *UH Student Conduct Code* for specific guidelines.

Disability Statement

The University of Hawai'i at Mānoa provides access or other reasonable assistance for students with documented disabilities. Please contact the KOKUA program at 956-7511(v/text), KOKUA@hawaii.edu or 2600 Campus Road, Room 013 in the Queen Lili'uokalani Center for Student Services within the first two weeks of the semester.

****The Instructor reserves the right to make changes to the syllabus and tentative course schedule as necessary**

The University of Hawai'i is committed to providing a learning, working and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking. If you or someone you know experiences any of these, UHM has staff and resources on campus to support and assist you. Staff also can direct you to resources in the community. Here are some of your options:

If you wish to remain **ANONYMOUS**, speak with someone **CONFIDENTIALLY**, or would like to receive information and support in a **CONFIDENTIAL** setting, contact:

Lesbian, Gay, Bisexual, Transgender (LGBT) Student Services

Lesbian, Gay, Bisexual, Transgender and Intersex (LGBTI) Student Services strives to maintain a safe and inclusive campus environment that is free from harassment and discrimination. The office provides direct services to students of the University of Hawai'i at Mānoa to confidentially discuss or seek advocacy and support for mistreatment due to their actual or perceived sex, gender identity, gender expression, or sexual orientation.

Cameron Miyamoto

Queen Lili'uokalani Center for Student Services 211
2600 Campus Road
Honolulu, HI 96822
(808) 956-9250
email: lgbtq@hawaii.edu
<http://manoa.hawaii.edu/lgbt/>

Office of Gender Equity

The Office of Gender Equity offers direct services to victims and survivors of sexual harassment and sexual assaults. Brief descriptions of services offered are available here.

Jenna Friedman

Queen Lili'uokalani Center for Student Services 210
2600 Campus Road
Honolulu, HI 96822
(808) 956-9499
email: geneg@hawaii.edu
www.manoa.hawaii.edu/genderequity

Prevention, Awareness, and Understanding (PAU) Violence Program

Prevention, Awareness, and Understanding (PAU) Violence Program exists to inspire, educate, and empower students and campus communities to build safe living-learning environments, end interpersonal violence, and encourage holistic well-being in ways that are supportive, collaborative, student-centered, and strengths-based. PAU Violence Program staff provides direct services to all University of Hawai'i at Mānoa students including crisis response, safety planning, academic support, and referrals to campus and community resources.

Jennifer Barnett

Leslie Cabingabang

Queen Lili'uokalani Center for Student Services 211
2600 Campus Road
Honolulu, HI 96822
(808) 956-8059
uhmpau@hawaii.edu

Student Parents At Mānoa (SPAM)

Student Parents At Mānoa (SPAM) seeks to increase the visibility of and resources for student parents at UH Mānoa as they pursue education while parenting. SPAM staff provide advocacy, support, and referrals for pregnant and parenting students to help them succeed in their educational goals.

Teresa Bill

2600 Campus Road
Queen Lili'uokalani Center for Student Services 211
Honolulu, HI 96822
(808) 956-8059
gotkids@hawaii.edu
<http://manoa.hawaii.edu/studentparents/>

Counseling and Student Development Center (CSDC)

The Counseling and Student Development Center (CSDC) offers support to UHM students, staff, and faculty to assist with personal, academic, and career concerns. All services are confidential and most are free of charge for Mānoa students. They also offer free consultation to faculty and staff on personal and student-related issues as well. CSDC office hours are from 8:00 a.m. to

4:30 p.m., Monday through Friday. They also offer immediate walk in appointments for urgent or emergency/crisis services during their regular daily hours.

Queen Lili'uokalani Center for Student Services 312
2600 Campus Road
Honolulu, HI 96822
(808) 956-7927
uhmcsdc@hawaii.edu
www.manoa.hawaii.edu/counseling

University Health Services Mānoa (UHSM)

The University Health Services Mānoa (UHSM) is staffed by physicians, nurse clinicians, nurses, and other support staff, and offers a wide range of medical services and programs to UH Mānoa students, with many of the services also available to UH Mānoa faculty and staff and students from other UH campuses. Services include general medical care on a walk-in basis; women's health, sports medicine, psychiatry, and dermatology clinics by appointment; pharmacy and clinical laboratory; and student training, employment and volunteer opportunities.

1710 East West Road
Honolulu, Hawaii 96822
Honolulu, HI 96822
(808) 956- 8965
www.hawaii.edu/shs/

[or]

If you wish to remain **ANONYMOUS**, speak with someone **CONFIDENTIALLY**, or would like to receive information and support in a **CONFIDENTIAL** setting, contact the confidential resources available here:

<http://www.manoa.hawaii.edu/titleix/resources.html#confidential>

If you wish to **REPORT** an incident of sex discrimination or gender-based violence including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence or stalking as well as receive information and support, contact:

Dee Uwono
Director and Title IX Coordinator
Hawai'i Hall 124
2500 Campus Road
Honolulu, HI 96822
(808) 956-2299
t9uhm@hawaii.edu

As a member of the University faculty, I am **required to immediately report** any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need. For more information regarding sex discrimination and gender-based violence, the University's Title IX resources and the University's Policy, Interim EP 1.204, go to: <http://www.manoa.hawaii.edu/titleix/>

Date	Lecture Topic	Moore's	Lab
8.22.17	Course Intro; The Back	482-495; 700-705	Intro to Gross Anatomy Lab
8.29.17	The Spine	440-482; 496-506	Musculature of the Back; Suboccipital Triangle & Spine
9.5.17	Upper Extremity & Shoulder	672-696; 704-708	Posterior Shoulder & Posterior Compartment of Arm
9.12.17	Anterior Shoulder & Axilla	697-704; 709-730	Pectoral Region & Axilla
9.19.17	Review		Review
9.26.17	Unit #1 Exam		
10.3.16	Arm & Forearm	731-770	Anterior Arm & Forearm
10.10.17	Wrist & Hand	771-792	Forearm extensors & Hand
10.17.17	Joints and ANS	46-65, 793-819	Shoulder & Elbow Joint
10.24.17	Unit #2 Exam		
10.31.17	Face, Skull & Scalp	822-831; 835-864	Superficial Face, Parotid Duct, Skull
11.7.17	Cranium & Brain	830-835; 865-888	Interior of Skull & Brain
11.14.17	Superficial Neck	982-1011	Anterior & Posterior Triangles of the Neck
11.21.17	Deep Neck	1012-1051	Root of Neck
11.28.17	Temporal Region	914-927	Infratemporal Fossa
12.5.17	Orbit, Oral & Nasal Cavities	889-913; 928-943; 946-950; 955-965	Prosections
12.12.17	Unit #3 Exam	Practical: 12/9 (1:00-2:00)	