2018-19 DGSOM Selectives

Fall Semester Selectives

- Anatomy and Dissection of Human Cadavers
- Caring for Diverse and Disadvantaged Populations
- Emergency Medicine Besides Rounds (offered again in Spring)
- End of Life Care: Medical, Psychosocial and Spiritual Approaches
- Introduction to Clinical and Emergency Ultrasonography
- Introduction to Social Medicine
- Introduction to Surgery (offered again in Spring)
- Multidisciplinary Approach to Global Health
- Surgical Anatomy
- What Every Medical Student Should Know about Drugs, Alcohol, Gambling & Sex
ANATOMY AND DISSECTION OF HUMAN CADAVERS

This course will consist of brief anatomy reviews and will focus mainly on hands-on dissection techniques and activities. The bulk of the dissection activity will be on embalmed human cadavers and will include the back and shoulder regions, axilla and upper limb, hip and gluteal region, lower limb, and head and neck. Limited dissection of the abdomen and pelvis will be included. Special prosections will be considered including retropharyngeal space prosections, spinal cord prosections and other.

Course Chair: Elena Stark, M.D., Ph.D. Professor, Anatomy Thread Chair, and Director of the Integrated Anatomy Division, Department of Pathology and Laboratory Medicine at UCLA.

Additional Faculty: Cristina Ghiani Ph.D., James Lister Ph.D., Dr. Madhuri Wadehra, Ph.D. and other Anatomy faculty and staff, Department of Pathology and Laboratory Medicine at UCLA.

Format: Discussions and Lab Experience.

Enrollment: Maximum of 45 students per Session. Open to 2nd year students only.

Sponsoring College: Applied Anatomy College

Schedule: 7 Monday afternoons, Session A starting 9/10/2018 (Start time will vary depending on MS2 class schedule: 1 PM on days without other afternoon sessions, 3:30 PM if there are conflicts).


Location: 73-167 CHS
CARING FOR DIVERSE AND DISADVANTAGED POPULATIONS

TRANSLATING POLICY TO PRACTICE

The goal of this selective is to discuss topics critical to understanding the needs of underserved communities, such as the Organization of the Health Care System for the Medically Indigent, Health Care Reform, Health Care Disparities and more. We have invited faculty from several disciplines to discuss providing healthcare to the medically indigent. Students will participate in classroom discussions at the David Geffen School of Medicine at UCLA. Our hope is that the selective will not only stimulate discussion and initiate research on topics presented, but will also foster a humane approach to patient care and complement the medical education curriculum. This selective is open to all students.

Objectives: Students will:

• Review major health policy issues pertaining to the health and health care of underserved communities.
• Introduce and provide an overview of the roles of the U.S. health care system, insurance, and government in health care delivery to the underserved.
• Describe the main health disparities of vulnerable populations.
• Describe the social determinants of health and its impact on health care delivery and treatment options.
• Describe key components of the systems based practice graduation competency.
• Develop a 2-page research question and rationale related to the care of underserved communities.

Course Format:

• 1-hour discussions conducted by physicians, students, and other faculty
• 20 to 30 minute discussions for students to share readings and discussions on their topics of interest with faculty
• Students are expected to attend each meeting and complete all assignments to pass the course
• Site visits, if schedule permits

Assignments: At the beginning of the course, students will be asked to select a health interest that is relevant to underserved communities and that they consider relates to the ideas presented in discussions. Students will present a brief 2-page paper and discussion (5 minutes) of the topic of interest to them.

Course Chairs: Daphne Calmes, M.D., Associate Dean of Student Affairs, Charles R. Drew University, Ronald Edelstein, Ed.D. Dean of Academic Affairs, Charles R. Drew University, and Shanika Boyce, M.D, Assistant Professor, Department of Pediatrics, Charles R. Drew University.
Caring for Diverse and Disadvantaged Populations (continued)

**Student Requirements:** Students should have an interest in health policy for diverse communities. They are expected to attend each meeting, participate in the discussions, and complete a 2-page paper to pass the course.

**Enrollment:** Course is open to all students, but it is mandatory for 1st year CDU/UCLA Medical students

**Sponsoring College:** Urban Underserved College

**Schedule:** 3:30 – 5:30 p.m. Mondays, Session A starting 9/10/2018

**Location:** UCLA
EMERGENCY MEDICINE BEDSIDE ROUNDS SELECTIVE

The DGSOM bedside rounds selective takes advantage of the opportunities to teach and model at the bedside by having experienced clinician educators lead true bedside teaching rounds with medical students interested in Emergency Medicine. These teachers will lead bedside rounds without the added responsibility of working clinically in the department.

Logistically, the program will take place once a week, in the Olive View Emergency Department. All students will meet their preceptor at an appointed time, where the preceptor will confer with the attendings on duty and select appropriate patients. The patients will be asked permission to participate in the educational rounds. The group will then join the bedside, where a complete and relevant history and physical exam will be obtained by the students, with facilitator guidance. The case will then be verbally summarized, and discussed in detail at the bedside. The preceptor can use this time to gently correct and reinforce the fundamentals of history, exam, and medical reasoning, both by observation and role modeling.

This program of bedside teaching will provide students with personal attention and modeling of the fundamental clinical skills of history, physical examination and communication that are the cornerstones of our practice.

“For the junior student in medicine and surgery it is a safe rule to have no teaching without a patient for a text, and the best teaching is that taught by the patient himself.”

-Sir William Osler, Address to the New York Academy of Medicine, 1903.

Course Chair: Tomer Begaz, M.D., an Associate Clinical Professor of Medicine and Director of Undergraduate Medical Education for the Department of Emergency Medicine at Olive View-UCLA.

Student Requirements: Proper attire and a stethoscope. LA County DHS Clearance and live scan.

Teaching Methods: Clinical Experience

Enrollment: Maximum of 6 students, minimum of 2 students
Sponsoring College:  Acute Care College

Schedule:  4:00 – 6:00 pm, Mondays
7 Monday afternoons (9/10, 9/17, 10/1, 10/15, 10/22, 10/29, 11/19)

Location:  Olive View-UCLA Medical Center, North Annex
End of Life Care: Medical, Psychosocial and Spiritual Approaches

This course explores issues related to end-of-life care: mechanisms for coping with death, legal and ethical issues, communication with dying patients and their families, and cultural differences in encounters with death. The course will be delivered via multiple methods, including: in class videos, group discussion, case study, clinical observation, and a final oral presentation. Although the main purpose of the course is to prepare students for helping terminally ill patients and their family to cope with the end of life, it is also anticipated that students will develop self-growth in the understanding of life and death through classroom discourses, self-reflections, and homework assignments.

Course Chair: Alan G. Robinson, M.D.

Learning Objectives:

Upon completion of the course, students are expected to be able to do the following:

- Understand the definitions of and differences between palliative care, hospice care, and end-of-life care;
- Discuss various coping mechanisms adopted by dying patients and their families in the process of dying;
- Describe common signs and symptoms observed when death is near;
- Explain legal and ethical issues involved in end-of-life care;
- Communicate skillfully with terminally ill patients and their families;
- Interpret cultural differences in philosophy and rituals of death.

Student Requirements:

Students are expected to lead group discussions, present relevant materials, and participate in class activities. Prior to coming to class students will complete the reading assignments and short reflective writing assignments (1-2 pages), which are due at noon Sunday night before the next session. The writing assignments should be submitted to the Gryphon End of Life Selective folder so everyone can read each other’s writings. All the course materials will be posted on Gryphon. The grading will be based on attendance, classroom engagement, timely homework completion, and an oral presentation.

Enrollment: Maximum Number of Students: 11    Minimum number of Students: 3

Schedule: 3:30PM-5:30PM Monday’s (9/10, 9/17, 10/1, 10/15, 10/22, 10/29, 11/19)
INTRODUCTION TO CLINICAL AND EMERGENCY ULTRASONOGRAPHY

This course will expand upon ultrasound training from the MS1 year by highlighting common scenarios in acute care where bedside ultrasonography is routinely employed. These include the FAST exam, biliary, deep venous thrombosis, focused cardiac, and renal/aorta ultrasound. Each session will employ didactics, case-based discussion, hands-on instruction of ultrasound technique, and review of both normal and abnormal studies.

Learning objectives:

- Understand the application of clinical ultrasonography to common clinical presentations.
- Learn and practice image acquisition technique.
- Identify normal and abnormal studies.

Course Chairs: Alan Chiem, M.D., Teresa Liu, M.D., Dan Weingrow, M.D.

Additional Faculty: George Lim, M.D, Daniela Morato, M.D., Sarah Crager, M.D., Caleb Canders, M.D.

Teaching Methods: Discussions, Problem-based Learning, Clinical Experience and Hands-on instruction on ultrasound technique.

Enrollment: Maximum of 10 students. Open to 2nd Year Students Only

Sponsoring College: Acute Care College

Schedule: Times may vary on Monday afternoons along with the location. Dr. Chiem will confirm the times as well as simulation locations between UCLA, Olive-View and Harbor-UCLA
Introduction to Social Medicine

Social, economic, and political forces have significant bearing on the health and well-being of individuals and communities both locally and globally. For most physicians the link between the health and structural forces beyond the clinic walls such as discrimination, inequity, and injustice are clear. This connection explains how two individuals with the same disease in two different countries, or two neighborhoods of the same city, may experience vastly different health outcomes.

Despite this the majority of medical teaching and practice is heavily skewed toward the biomedical diagnosis, management, and treatment of disease with little emphasis on inequitable social and economic conditions that may underpin illness. The aim of this elective is to expose students to the field of social medicine, empowering future clinicians to engage with the social determinants of health as a part of their future practice.

This discussion-based course will introduce students to the concepts of structural violence and structural vulnerability along with their practical application to clinical practice. Lectures by local subject matter experts and patient advocates will highlight the intersection of structural forces, clinical practice, and patient health.

**Course Chair:** Shamsher Samra, MD, MPhil

**Additional Teaching Faculty:** Dennis Hshieh, M.D., JD, Jackie Shibata, M.D., Mohsen Saidinejad, M.D., Breena Taira, M.D., MPH, Todd Schneberk, M.D., MA

**Learning Objectives:**

- Structural Violence and Vulnerability
- Social Determinants of Health
- Race, Class, and Health
- Mass Incarceration
- The Politics of Medicine
- Medical Debt
- Immigration
- Education
Introduction to Social Medicine (continued)

The course will also introduce students to innovative local practices to address social determinants of health including:

Community Organizing and Advocacy
Medical Legal Partnerships
Harm Reduction for Deportees
Community Health Workers for Jail Reentry Populations
Language Justice Practices
Hospital Based Violence Intervention Programs

Student Requirements:

Students must submit a short statement of intent before the first session highlighting their interest in the course. This will help course leaders tailor course readings and discussion

Enrollment: Maximum Number of Students: 10

Schedule: Monday’s 3:30PM-5:30PM Monday’s (9/10, 9/17, 10/1, 10/15, 10/22, 10/29, 11/19)
INTRODUCTION TO SURGERY

Aim: To provide an enriching ‘hands on’ educational experience designed to introduce students to the art and science of surgery in the setting of a busy urban Level-1 trauma center.

By the end of the course, the student should be able to:
1. Understand the principles of sterile precautions and operating room etiquette
2. Demonstrate the ability to perform sterile gowning and gloving techniques
3. Perform basic surgical/technical skills including knot-tying, suturing, and instrument handling
4. Describe the basic approach to the management of the trauma patient
5. Appreciate the importance of interdisciplinary teamwork and the psychosocial aspects of patient care.

Course Chairs: Dennis Kim, M.D., Christian de Virgilio, M.D., Dr. Nina M. Bowens, M.D.
Dr. Kim is an Assistant Professor of Surgery in the Division of Trauma/Acute Care Surgery/Surgical Critical Care. His academic interests include surgical simulation and Crisis Resource Management.

Dr. de Virgilio is a Professor of Surgery and holds numerous academic appointments. In addition to being the Director of the General Surgery Residency Program at Harbor-UCLA Medical Center, he is also the Vice Chair of Education and Co-Chair of the College of Applied Anatomy.

Dr. Bowens is an Assistant Professor in Surgery in the Division of Vascular Surgery. Her academic interests include aortic aneurysmal disease and critical limb ischemia.

Additional Teachers: Harbor-UCLA Medical Center Department of Surgery Faculty and Residents

Teaching Methods: Small group sessions and didactics; surgical skills lab; high-fidelity simulation; clinical observership (emergency room and operating room)

Enrollment: Maximum of 12 students, minimum of 6 students

Sponsoring College: Applied Anatomy College

Schedule: 4:00 – 6:00 pm, Mondays, Fall starting 9/10/2018
Location: Harbor-UCLA Medical Center, Building 1 East, Conference Room; B4 Simulation Lab

Schedule for Fall 2018 semester: 9/10  9/17  10/15  10/29  11/5  11/19  11/26

Please note: This selective takes place at Harbor-UCLA so you will need to allow for travel time to the institution.
A MULTIDISCIPLINARY APPROACH TO GLOBAL HEALTH: Fall 2018

This selective is run by the Global Health Education Programs faculty, as well as medical students who participated in the selective the previous year. It is designed for students at any level of global health experience. It offers opportunities for inspiration, education, mentorship, and personal growth. Leaders from diverse disciplines will share their own experiences in global health and will speak to students on a variety of global health topics such as infectious and non-communicable diseases in resource limited settings, maternal and child health, gender equity, disaster response, global surgical needs, food security, health and human rights, HIV/AIDS, harm reduction, healthcare technology, utilization of media, and policy strategies to help address global health challenges. Students will gain a better idea of how they can become involved in global health during medical school and throughout their careers. The selective offers a unique opportunity to form meaningful relationships with global health faculty at UCLA.

We are at a powerfully important time in global health where we have the financial and ever-improving technical capacity to close the disparities that exist in health internationally. Within a generation, those living in low and middle-income countries could have the health outcomes of those in wealthier countries. As future health leaders, we hope this selective will provide you with knowledge and tools to contribute to this convergence.

Student Requirements: Fall semester only, with mandatory World Health Night (Sept. 6), 9 noon-time lectures, 3 Monday afternoon discussions sections, 2 evening roundtables, and 2 evening film events, as well as participation in one reading club with global health faculty mentorship. [Students can miss no more than 4 events for credit in the selective.] Approximate time commitment is 20-25 hours during the fall semester.

Objectives: At the end of the course, participants should be able to:

- Understand the multidisciplinary nature of global health issues
- Formulate ideas to address global health challenges
- Understand the concerns and needs of medically underserved populations
- Examine health and disease from a cross-cultural perspective
Multidisciplinary Approach to Global Health (continued)

- Recognize the challenges in conducting research in a resource-limited environment
- Assume leadership roles in addressing global health issues as students and future physicians
- Form relationships with UCLA global health faculty to allow for mentorship throughout your career

Course Chairs:
Fola May, M.D., Ph.D., is Assistant Professor in Digestive Diseases at UCLA, and Co-Director of the Global Health Education Programs.
Lee Miller, M.D., is a Professor of Pediatrics, Associate Dean for Student Affairs at UCLA and Director of the Global Health Education Programs.
Traci Wells, Ph.D. is Adjunct Assistant Professor of Medicine and Director of Education for the Global Health Education Programs.

Selective Leaders: MS2s Brigham Breton, Mona Deng, Priyanka Naik, Robera Oljira, and Vivian Wung

Teaching Methods: Lectures, discussion sections, films, reading club, and roundtable discussions

Enrollment: No minimum or maximum number of students.

Sponsoring College: Primary Care College

Schedule: All course events will begin September 2018 and continue through December 2018.

Location: CHS, RRMC, and GH rooms and auditoriums
SURGICAL ANATOMY

This course will cover several common surgical procedures emphasizing the anatomical basis of each. Sessions will include a brief review of the pertinent anatomy (with anatomy faculty) and a description of the “procedure(s) of the day” (with surgery faculty). The most important component of each session is the cadaver lab portion. Experienced surgeons will explain surgical procedures on the cadavers and the students will have the opportunity to assist and to implement some of them on their own. Suturing techniques will be included.

Course Chairs: Elena Stark, M.D., Ph.D., Professor, Anatomy Thread Chair and Director of the Integrated Anatomy Division, Department of Pathology and Laboratory Medicine at UCLA.

Additional faculty: Drs. de Virgilio, Putnam, Yang, Bari, Kedeshian, Gopen, Jeffcoat, Bergman and other faculty from the Division of Integrative Anatomy and from the Department of Surgery.

Teaching Methods: Discussions & Laboratory experience

Enrollment: Maximum of 18 students, Minimum of 12 students, Open to 2nd Year Students Only

Sponsoring College: Applied Anatomy College

Schedule: 7 Monday afternoons. We might offer fewer longer sessions (i.e. five sessions of 2 hours and 45 minutes) for maximum hands-on skill development in specialties with procedures that routinely extend beyond 1.5 – 2 hours. These would be the dates: 9/10/2018, 9/17/2018, 10/1/2018 10/15/2018, 10/22/2018, 10/29/2018.

(Start time will vary depending on MS2 class schedule: 1 PM on days without other afternoon sessions, 3:30 PM if there are conflicts).

Location: 73-167 CHS
WHAT EVERY MEDICAL STUDENT SHOULD KNOW ABOUT DRUGS, ALCOHOL, GAMBLING AND SEX

Medical students will encounter the consequences of addictive disorders in every clinical rotation. Oftentimes, persons with addictive disorders are stigmatized and blamed for their conditions but in reality, the majority improve comparable to those with other medical disorders such as diabetes and hypertension.

In this selective, medical students will learn about the clinical, social and historical impact of addictive disorders. Current trends in addiction such as the opioid epidemic, the impact of legalizing marijuana and understanding when a behavior (like eating, gambling or using the Internet) becomes an addiction will be reviewed using case examples and interactive learning tools. We will also discuss current social and political events in the news that involve addictive disorders. Finally, field trips to residential treatment programs, marijuana dispensaries and other addiction-relevant places will be conducted.

Course Chair: Timothy Fong, M.D., Professor of Psychiatry at the UCLA Neuropsychiatric Institute and Hospital. He is currently the director of the Addiction Psychiatry Fellowship and is co-director of the UCLA Gambling Studies Program. He is also a founding faculty member of the UCLA Cannabis Research Initiative.

Teaching Methods:

Discussions, case studies, field trips and mixed media learning

Enrollment: Maximum of 12 students, minimum of 2 students

Sponsoring College: Primary Care College

Schedule: 3:30 – 5:30 p.m. Mondays-Fall Semester to start 9/10/2018

Location: Geffen Hall