

COURSE CHAIR:

Elena Stark, MD, PhD
Christian DeVirgilio, MD

PHONE #:

(310) 206-9238
(310) 222-2702

E-MAIL: estark@mednet.ucla.edu
cdevirgilio@labiomed.org

COURSE OBJECTIVES (in order of importance)

1. Gain an in-depth understanding of human anatomy through the use of the cadaveric material dissection
2. Perform specific surgical procedures and techniques on human cadavers
3. Gain an understanding of specific anatomical knowledge as it relates to surgical intervention
4. Practice suturing techniques

SUPPORTING FACULTY:

James Lister, PhD, Stephen Schettler, PhD

STUDENT COORDINATOR:

Sheri Klein

PHONE #:

(310) 825-9695

E-MAIL: sklein@mednet.ucla.edu

REPORT TO: Dr. Stark, 1001 72nd St, C

COURSE AFFILIATION: Abilene

Changed to PA250.03

AVAILABLE FOR EXTERNS: No

STUDENTS / PERIOD: max 10 min 8

DURATION: 1 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

31

DESCRIPTION: This course offers the student an opportunity to gain and/or expand his/her knowledge of human anatomy through the dissection of human cadaveric materials. The course reviews anatomical structures and their relevance to specific surgical procedures. Several common surgical procedures will be performed on cadavers. The student has the opportunity to practice suturing techniques.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Carotid Endarterectomy
2. Femoral to popliteal bypass with saphenous vein
3. Thyroidectomy
4. Gastrectomy
5. Appendectomy
6. Duodenopancreatectomy
7. Radical Mastectomy
8. Abdominal Hernia Repairs
9. Cholecystectomy
10. Splenectomy
11. Right hepatic lobectomy
12. Thoracotomy with lobectomy or pneumonectomy

INPATIENT: N/A
OUTPATIENT: N/A
CONSULTATION: N/A
PRIMARY CARE: N/A

CLOSE CONTACT WITH:
 FULL-TIME FACULTY
 CLINICAL FACULTY
 FELLOWS
 RESIDENTS
INTERNS
OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: N/A

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Dissection techniques Suturing Techniques	Surgical procedures: presentations Surgical procedures: practice on cadaver (directed)	Surgical procedures: presentations Surgical procedures: practice on cadaver (directed)	Surgical procedures: presentations Surgical procedures: practice on cadaver (directed)	Surgical procedures: presentations Surgical procedures: practice on cadaver (directed)
PM	Review anatomy content of body region related to surgical procedures to be performed the next day	Surgical procedures: practice on cadaver (independent) Review anatomy content of body region related to surgical procedures to be performed the next day	Surgical procedures: practice on cadaver (independent) Review anatomy content of body region related to surgical procedures to be performed the next day	Surgical procedures: practice on cadaver (independent) Review anatomy content of body region related to surgical procedures to be performed the next day	Surgical procedures: practice on cadaver (independent) Week review

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Students will be required to review anatomical content through the use of materials provided electronically.

PA162.01 NEUROPATHOLOGY ELECTIVE

In-Depth

Location: UCLA

**2013-2014
Revised: 12/10/12**

COURSE CHAIR:

Harry V. Vinters, M.D.

PHONE #:

(310) 825-6191

E-MAIL: hvinters@mednet.ucla.edu

SUPPORTING FACULTY:

Wm. H. Yong, Negar Khanlou, MD, and M. Anthony Verity, M.D.

STUDENT COORDINATORS:

Annetta Pierro

PHONE #:

(310) 825-5719

E-MAIL: apierro@mednet.ucla.edu

Mayra Contreras

(310) 825-5789

E-MAIL: mayracontreras@mednet.ucla.edu

REPORT TO: Mayra Contreras, 13-145 CHS at 7:50 am on first day.

COLLEGE AFFILIATION: Applied Anatomy College

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: Introduction to modern Molecular and Morphologic GIC methods for the study of human nervous system disease and their pathogenesis. Students also have opportunity to work on a short "case report" type paper.

COURSE OBJECTIVES (in order of importance)

1. Provide a continuing advanced survey of diseases of the nervous system, emphasizing molecular pathogenesis.
2. Study of relevant gross, microscopic, biochemical, and molecular lesions.
3. Introduction of ultrastructural, histochemical, immunopathologic, and biochemical lesions of central and peripheral nervous system, including neuromuscular disease.
4. Learn to examine, cut and describe gross abnormalities in the brain and spinal cord.
5. Appreciate and describe microscopic findings and clinicopathologic correlates.
6. Study a core-program of neuropathologic disease revealed in gross and microscopic specimens.
7. Correlate ultrastructural and histochemical findings in nerve and muscle disease.
8. Prepare a short thesis and verbal presentation with library research in a single neuropathologic topic (case report with review format).
9. Elective is ideal for any student planning a career in clinical neurology, neurosurgery, or neuroradiology, or a career in investigational neuroscience.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Cerebrovascular disease
2. Degenerative disease in CNS
3. Inf. disease, opportunistic inf.
4. Demyelination
5. Muscle disease, histochemistry, EM
6. Peripheral nerve biopsy exam
7. Clinical neurochemistry
8. Brain Tumors

INPATIENT:

66%

OUTPATIENT:

33%

CONSULTATION:

100%

PRIMARY CARE:

N/A

CLOSE CONTACT WITH:

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- INTERNS
- X OTHER: Student fellows

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 5 – 10 (specimens)

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25 (specimens)

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8:00 Autopsy Conference 10:00 Muscle Biopsy Sign-Out (Self-Study Core Program) (Week Long) Neuromuscular biopsy conference (1st mon. of month)	9:00 Brain Cutting (Morgue 13-165)	NRB Auditor 9:00 – 10:00 Neurology Grand Rnds 11:00 – 12:00: Neuro-Oncology Conference (200 Medical Plaza)	Independent Study Autopsy Case Sign-Out	9:00 Micro Follow-Up on Brain Cutting Cases
PM	(Preparation of Library Thesis) (Week-Long) Prepare for Teaching Conference 1:00: Surgical Pathology Sign-Out	12 noon: Pathology Grand Rounds (UCLA 33-105) 2:00: Neuropathology Teaching Conference 3:00: Surgical Path. Sign-Out	1-2:30 Pituitary tumor Board (some weeks) 1:30 Surgical Pathology Sign-Out	1:30 Review of Muscle-Nerve Biopsy with Fellow 4:00 - Surgical Pathology Sign-Out	2:00 - Short Thesis Presentation (Final Friday of Rotation) 3:00 - Surgical Pathology Sign-Out

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: Optional frozen section and autopsy on-call, including evenings and weekends.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Excellent introduction to study of human CNS/PNS disease with opportunity to prepare case report or mini-paper for publication. Course participants are also encouraged to attend other teaching activities of the Dept. of Pathology & Lab Medicine (weekly schedule provided at the start of rotation).

PA240.01 TRANSFUSION MEDICINE

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Revised: 12/10/12

COURSE CHAIR:

Alyssa Ziman, M.D.

E-MAIL:

PHONE #:

(310) 267-8090

COURSE OBJECTIVES (in order of importance)

To understand and apply the fundamental concepts and principles of Transfusion Medicine (TM) to clinical practice.

1. Recognize and clinically evaluate patients with TM related problems. Help formulate solutions and interact with clinicians regarding diagnosis and treatment.
2. Acquire knowledge through directed readings, discussions, and case studies on: TM standards and requirements, TM immunology and genetic applications, Pretransfusion testing, Resolving serological problems, Collection and preparation of blood components, Selection and transfusion of blood components, Adverse effects of transfusion, Autoimmunity, transplantation, hemolytic disease of the newborn, & Organization and function of a regional blood center and hospital transfusion service.
3. Observe laboratory procedures. Perform and interpret: ABO, Rh, antibody screen, crossmatch, direct antiglobulin test, antibody identification, antigen phenotyping.
4. Recognize areas of potential research in TM.

SUPPORTING FACULTY:

Qun Lun, M.D., Dennis Goldfinger, M.D.

STUDENT COORDINATOR:

Annetta Pierro

E-MAIL: apierro@mednet.ucla.edu

PHONE #:

(310) 825-5719

Myra Contreras

(310) 825-5789

E-MAIL: mayracontreras@mednet.ucla.edu

REPORT TO: Becky Jeffery (310-267-3552), Ronald Reagan-UCLA Medical Center, B403Q

COLLEGE AFFILIATION: Academic Medicine

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: UCLA Medical Center has a comprehensive transfusion service, donor center, and apheresis facility. Students will rotate through all three areas to learn technical and medical aspects of transfusion medicine. Emphasis will be placed on management of patients with transfusion medicine problems.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Atypical requests for blood components
2. Blood selection problems associated w/ complex antibodies/clinical problems
3. Transfusion reactions
4. Autoimmune hemolytic anemia
5. RhIG Candidates
6. Hemolytic disease of the newborn
7. Therapeutic apheresis
8. Blood donor suitability and reactions to donation

INPATIENT:

90%

OUTPATIENT:

10%

CONSULTATION:

90%

PRIMARY CARE:

10%

CLOSE CONTACT WITH:

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- X OTHER: Medical Technologists

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	9:00 Review Problem Cases 10:00 Rotation Assignments	8:00: Clinic. Path Conf. 9:15: Review Problem Cases 10:00: Rotation Assignments	8:00: Path. Grand Rds 9:15: Review Problem Cases 10:00: Rotation Assignments	9:00 Review Problem Cases 10:00 Rotation Assignments	9:00 Review Problem Cases 10:00 Rotation Assignments
PM	Noon Clinic Path. Conference/Lunch 2:00: Didactic Session and Case Sign-Out with TM Faculty	Noon Lunch 1:00: Rotation Assignments 2:00: Didactic Session and Case Sign-Out with TM Faculty	Noon Lunch 1:00: Rotation Assignments 2:00: Didactic Session and Case Sign-Out with TM Faculty 4:00: TM Lecture Series	Noon Lunch 1:00: Rotation Assignments 2:00: Didactic Session and Case Sign-Out with TM Faculty	Noon Lunch 1:00: Rotation Assignments 2:00: Didactic Session and Case Sign-Out with TM Faculty

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: Rotation assignments include didactic and laboratory exercises on transfusion medicine topics. Students will participate in TM consultations. Program may be tailored to meet students' specific interests. One day may be spent at the UCLA Blood and Platelet Center or on a mobile blood drive.

PA250.01 ANATOMICAL PATHOLOGY

Advanced Clinical Clerkship

Location: HARBOR

2013-2014
Revised: 12/10/12

COURSE CHAIR:

Samuel French, M.D.

PHONE #:

(310) 222-2643

E-MAIL: sfrench@labiomed.org

COURSE OBJECTIVES (in order of importance)

1. Exposure to general surgical pathology.
2. Instruction in necropsy pathology.
3. Learning the functions of a Pathologist as a consultant.
4. Acquiring a basic foundation for the practice of medicine.
5. Exposure to aspiration cytology.
6. Exposure to bone marrow aspirations.

SUPPORTING FACULTY:

Div. of Anatomical Pathology and other AP faculty

STUDENT COORDINATOR:

Adriana Flores

PHONE #:

(310) 222-2643

E-MAIL: adflores@dhs.lacounty.gov

REPORT TO: Department of Pathology, Harbor-UCLA Medical Center, 2nd Floor, Room 2S2A, 8:30 am

COLLEGE AFFILIATION: Acute Care

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: This in-depth elective is designed to provide 4th year medical students with an introduction to and instruction in morphological pathology based on the daily activities of an academic Department of Pathology in an acute general hospital. At the conclusion, the clerk will have had intimate contact with the role and activities of Pathologist Care. At the end of the 3 weeks rotation the student will give a half hour seminar on a topic of their choice to improve their communication skills.

STUDENT EXPERIENCES			
COMMON PROBLEMS/DISEASES 1. Necropsy Pathology 2. Surgical Pathology 3. Clinical Cytology 4. Bone Marrow Pathology 5. Aspiration Cytology 6. Diagnostic Electron Microscopy 7. Forensic Pathology 8. Morphological Hematology	INPATIENT:	N/A	CLOSE CONTACT WITH: X FULL-TIME FACULTY CLINICAL FACULTY FELLOWS X RESIDENTS X INTERNS OTHER:
	OUTPATIENT:	N/A	
	CONSULTATION:	5%	
	PRIMARY CARE:	95%	

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: N/A

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8:15 – 9:15 Frozen Section Conference GYN. Pathology Conference	Hemato. Pathology Con- ference	7:30 – 9:30 Surgical Morbidity and Mortality Conference 8:30 – 9:30 Show and Tell Conf.	Autopsy 10:00am-10:30am Gross Micro- Radiology Correlation Conference.	9:00 – 10:00 Pathology Grand Rounds 11:00 – 12:00 Neuropa- thology Conference
PM	1:00 – 2:00 Breast Tumor Confer- ence	12:30 Breast Tumor Board 4:00 – 5:00 Pulmonary Pathology Conference Breast Clinic	12:00 Tumor Board	12:00 Medical M&M Conf. GI Pathology 5pm Hematopathology Conference	2:00 – 3:00 Brain Cutting Confer- ence

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None

PA250.02 SURGICAL PATHOLOGY

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Revised: 8/27/12

COURSE CHAIR:

Peggy Sullivan, MD

E-MAIL:

PHONE #:

(310) 983-1092

COURSE OBJECTIVES (in order of importance)

1. Development of an approach to pathologic evaluation of biopsies and surgical specimens with emphasis on the clinical and pathological criteria essential to decision-making.
2. Acquaintance with the value, uses, and limitations of pathologic evaluation of surgical specimens.
3. Opportunity for clinical/pathologic/radiologic correlations in a variety of neoplastic and inflammatory conditions.
4. Exposure to specialized techniques, such as diagnostic electron microscopy, immunohistochemistry, and fine-needle aspiration biopsies.
5. Knowledge of clinical indications, methods and effectiveness of frozen-section diagnoses.
6. Practice in technical procedures of gross and microscopic evaluation of various surgical specimens, including use of special stains.

SUPPORTING FACULTY:

Drs. Bhuta, Hirschowitz, Vinters, Said, Fishbein, Wallace, French, Dawson, Pullarkat, Apple, Yong, Cortina, Dry, Nelson, Binder and Jiaoti Huang

STUDENT COORDINATOR:

Annetta Pierro

E-MAIL: apierro@mednet.ucla.edu

Mayra Contreras

E-MAIL: mayracontreras@mednet.ucla.edu

PHONE #:

(310) 825-5719

(310) 825-5789

REPORT TO: Mayra Contreras, Rm. 13-145 CHS @ 7:50 am

COLLEGE AFFILIATION: Applied Anatomy College

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

By Arrangement

DESCRIPTION: The student is integrated into the regular housestaff rotation in surgical pathology and assumes primary responsibility for a limited number of cases, carrying them through the entire process of evaluation until final sign-out with the attending pathologist.

STUDENT EXPERIENCES

COMMON PROBLEMS/DISEASES

1. Differential diagnosis of neoplasms
2. Tumor grading and staging
3. Evaluation of inflammatory conditions

INPATIENT:

N/A

OUTPATIENT:

N/A

CONSULTATION:

N/A

PRIMARY CARE:

N/A

CLOSE CONTACT WITH:

- X FULL-TIME FACULTY
- CLINICAL FACULTY
- X FELLOWS
- X RESIDENTS
- X INTERNS
- OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 25+

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 300

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8:00 - 9:00 Autopsy Conference Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens	Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens	8:00 Surgical Pathology Seminar Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens	8:00 - Surgical Pathology Seminar Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens	8:00 - Surgical Pathology Seminar Dissection & Evaluation of Gross Pathology of Individual Surgical Specimens 12:00 - Surgical Path Case Conference
PM	Evaluation of microscopic pathology of individual cases, review and sign-out with attending surgical pathologist	Evaluation of microscopic pathology of individual cases, review and sign-out with attending surgical pathologist	Evaluation of microscopic pathology of individual cases, review and sign-out cases with attending surgical pathologist	Evaluation of microscopic pathology of individual cases, review and sign-out cases with attending surgical pathologist	Evaluation of microscopic pathology of individual cases, review and sign-out or cases with attending surgical pathologist

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: N/A

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: The number and types of cases assigned are flexible, dependent upon the student's experience and areas of specific interest and upon availability of surgical specimens. Numerous additional conferences are available and students will be directed there as is appropriate.

PA299.01 AUTOPSY PATHOLOGY

Advanced Clinical Clerkship

Location: UCLA

2013-2014
Revised: 12/10/12

COURSE CHAIR:

Michael Fishbein, M.D.

E-MAIL:

PHONE #:

(310) 825-9731

COURSE OBJECTIVES (in order of importance)

1. Understanding the pathogenesis of disease of the body.
2. Clinical-pathologic correlation of signs and symptoms with pathologic mechanisms.
3. Recognition of etiologic processes.
4. Recognition of main reactions in each organ system.
5. To improve knowledge of anatomic and functional relations of the organ systems to each other and to the surface of the body.
6. To improve the physician's conceptual visualization of disease in the body.
7. To develop facility in reading, observing, presenting, and discussing disease in a patient.
8. To improve the diagnosis, treatment, and investigation of disease by clinicians and pathologists.

SUPPORTING FACULTY:

Staff of the Division

STUDENT COORDINATOR:

Annetta Pierro

E-MAIL: apierro@mednet.ucla.edu

Mayra Contreras

E-MAIL: mayracontreras@mednet.ucla.edu

REPORT TO: Mayra Contreras, 13-145 CHS @ 7:50 a.m. on first day.

COLLEGE AFFILIATION: Applied Anatomy

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2013-2014 ROTATIONS BEGIN WEEKS:

2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 38, 41, 44, 47

DESCRIPTION: Students are assigned to observe and assist staff members in performing autopsies. After microscopic and other laboratory studies are completed, students and staff members meet in conference.

STUDENT EXPERIENCES			
COMMON PROBLEMS/DISEASES 1. CNS, muscle, heart, lungs 2. Liver, GI tract, GU tract 3. Musculo-skeletal system 4. Endocrine system 5. Acute and chronic inflammation 6. Congenital malformation 7. Metabolic problems	INPATIENT:	100%	CLOSE CONTACT WITH: X FULL-TIME FACULTY CLINICAL FACULTY
	OUTPATIENT:	0%	
	CONSULTATION:	100%	X FELLOWS
	PRIMARY CARE:	0%	X RESIDENTS
			X INTERNS
			OTHER:

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3

TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 5

TYPICAL WEEKLY SCHEDULE

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8:00 – 9:00 Autopsy Conference 13-165 CHS Case Work	8:00 - 9:00 am Daily Resident Teaching Conf. 9:00 - Brain Cutting 10:00 - Neuropathology Rds 11:00 - Brain Cutting 12:00 - Pathology Grand Rds.	8:00 - 9:00 am Daily Resident Teaching Conf. As-306 CHS Case Work	8:00 - 9:00 am Daily Resident Teaching Conf. As-306 CHS Case Work	8:00 - 9:00 am Daily Resident Teaching Conf. As-306 CHS Case Work
PM	12:00 - 1:00 - Daily Resident Teaching Conf. As-306 CHS	12:00 - 1:00 - Daily Resident Teaching Conf. 1:00: Peds Cardiology (2nd Tue.) 1:00 – 2:00: Neuropathology Session 3:00 – 4:00: Special Brain Cutting	12:00 - 1:00 Daily Resident Teaching Conf. As-306 CHS Case Work	12:00 - 1:00 Daily Resident Teaching Conf. As-306 CHS Case Work	12:00 - 1:00 Daily Resident Teaching Conf. As-306 CHS Case Work

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: