PA162.01 NEUROPATHOLOGY ELECTIVE

Location: UCLA

2009-2010
Revised: 11/24/08

STUDENT EXPERIENCES

CLOSE CONTACT WITH:

1. Full-Time Faculty
2. Clinical Faculty
3. Fellows
4. Residents
5. Interns
6. Other: Student fellows

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

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

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).
STUDENT EXPERIENCES
CLOSE CONTACT WITH:

COMMON PROBLEMS/DISEASES
1. Atypical requests for blood components
2. Blood selection problems associated with 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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 8
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 25

TYPICAL WEEKLY SCHEDULE

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 Los Angeles Red Cross Blood Center.
STUDENT EXPERIENCES

<table>
<thead>
<tr>
<th>COMMON PROBLEMS/DISEASES</th>
<th>INPATIENT: N/A</th>
<th>OUTPATIENT: N/A</th>
<th>CONSULTATION: 5%</th>
<th>PRIMARY CARE: 95%</th>
<th>CLOSE CONTACT WITH:</th>
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<tbody>
<tr>
<td>1. Necropsy Pathology</td>
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<td>X FULL-TIME FACULTY</td>
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<tr>
<td>2. Surgical Pathology</td>
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<td>CLINICAL FACULTY</td>
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<td>3. Clinical Cytology</td>
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<td>FELLOWS</td>
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<td>4. Bone Marrow Pathology</td>
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<td>X RESIDENTS</td>
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<td>5. Aspiration Cytology</td>
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<td>X INTERNS</td>
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<td>6. Diagnostic Electron Microscopy</td>
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<td>OTHER:</td>
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<td>7. Forensic Pathology</td>
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<td>8. Morphological Hematology</td>
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APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 10%

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

TYPICAL WEEKLY SCHEDULE

<table>
<thead>
<tr>
<th>Hour</th>
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<tbody>
<tr>
<td>AM</td>
<td>8:15 – 9:15 Frozen Section Conference</td>
<td>Hemato. Pathology Conference</td>
<td>7:30 – 9:30 Surgical Morbidity and Mortality Conference</td>
<td>Autopsy</td>
<td>9:00 – 10:00 Pathology Grand Rounds</td>
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<td>GYN. Pathology Conference</td>
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<td>8:30 – 9:30 Show and Tell Conf.</td>
<td>10:00am-10:30am Gross Micro-Radiology Correlation Conference.</td>
<td>11:00 – 12:00 Neuropathology Conference</td>
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<tr>
<td>PM</td>
<td>1:00 – 2:00 Breast Tumor Conference</td>
<td>12:30 Breast Tumor Board</td>
<td>12:00 Tumor Board</td>
<td>12:00 Medical M&amp;M Conf.</td>
<td>2:00 – 3:00 Brain Cutting Conference</td>
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<td>4:00 – 5:00 Pulmonary Pathology Conference Breast Clinic</td>
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<td>GI Pathology 5pm Hematopathology Conference</td>
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<td>12:00</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None.

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: None
COURSE CHAIR: Charles Lassman, M.D., Ph.D. 
PHONE #: (310) 668-3177 
E-MAIL: apierro@mednet.ucla.edu

SUPPORTING FACULTY: 

STUDENT COORDINATOR: Annetta Pierro 
PHONE #: (310) 825-5719 
E-MAIL: apierro@mednet.ucla.edu

REPORT TO: Annetta Pierro, Rm. 13-145 UCLA

PREREQUISITES: None

AVAILABLE FOR EXternS: Yes

STUDENTS / PERIOD: max 3 min 1

DURATION: 3 weeks

2009-2010 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.

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.

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
X 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

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<tbody>
<tr>
<td>AM</td>
<td>8:30 - Autopsy Pathology Seminar Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens</td>
<td>Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens</td>
<td>8:15 – 9:30 - Pathology Grand Rounds Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens</td>
<td>8:00 - Surgical Pathology Seminar Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens</td>
<td>8:00 - Surgical Pathology Seminar Dissection &amp; Evaluation of Gross Pathology of Individual Surgical Specimens 11:30 - Surgical Path Case Conference Evaluation of microscopic pathology of individual cases, review and sign-out or cases with attending surgical pathologist</td>
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<tr>
<td>PM</td>
<td>Evaluation of microscopic pathology of individual cases, review and sign-out or cases with attending surgical pathologist</td>
<td>Evaluation of microscopic pathology of individual cases, review and sign-out or cases with attending surgical pathologist</td>
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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. Students will meet with Dr. Lassman weekly to discuss particular disease processes in detail.
PA250.06 OVERVIEW OF CLINICAL PATHOLOGY

STUDENT EXPERIENCES

COURSE CHAIR: Samuel H. Pepkowitz, M.D.
PHONE #: (310) 423-5360
E-MAIL:

SUPPORTING FACULTY:
Stephen Lee, M.D., Wesley S. Nichols, M.D.
David Frishberg, M.D., and Ellen Klapper, M.D.

STUDENT COORDINATOR: Jean Havercroft
PHONE #: (310) 423-8981
E-MAIL: havecroft@cshs.org

REPORT TO: Dr. Samuel Pepkowitz, Room 1670, 8:30 a.m.

PREREQUISITES: Medicine or Pediatrics

AVAILABLE FOR EXterns: Yes

STUDENTS / PERIOD: max 4 min 1

DURATION: 3 weeks

2009-2010 ROTATIONS BEGIN WEEKS:
12, 42

DESCRIPTION: A three-week elective to introduce students to the principles of effective laboratory utilization and to acquaint them with current methods for evaluating blood, cells, and other body fluids, with some exposure to anatomic pathology.

COMMON PROBLEMS/DISEASES
1. Renal failure
2. Myocardial infarction
3. Infectious diseases
4. Opportunistic infection
5. Anemia
6. Coagulopathy
7. AIDS
8. Transfusion Medicine

INPATIENT: 100%
OUTPATIENT: 0%
CONSULTATION: 100%
PRIMARY CARE: 0%

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

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<tr>
<td>AM</td>
<td>9:30 Intro to Labs</td>
<td>8:00 Clinical Chemistry Laboratory;</td>
<td>8:00 Enzyme Analysis Laboratory</td>
<td>8:00 Autopsy Conference</td>
<td>8:00 Mycobacteriology</td>
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<td>10:30 Basic Lab Statistics</td>
<td>10:00 Seminar: Discussion of Procedures</td>
<td>10:00 Toxicology Lab</td>
<td>9:00 Microbiology Lab</td>
<td>10:00 Mycology and Parasitology</td>
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<tr>
<td>PM</td>
<td>12:00 - Pathology Grand Rounds</td>
<td>1:00 - Case Studies</td>
<td>1:00 - Case Studies</td>
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<td>1:00 - Case Studies</td>
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<td>2:30 - Principles of Instrumentation</td>
<td>2:30 - Introduction to Enzymology</td>
<td>2:30 - Introduction to Microbiology</td>
<td>2:30 - Introduction to Virology</td>
<td>2:30 - Principles of Hematology</td>
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<td>4:00 - How the Laboratory Costs Are Determined</td>
<td>4:00 - Introduction to Toxicology</td>
<td>4:00 - Principles of Microbiology Instrumentation</td>
<td>4:00 - Introduction to Toxicology</td>
<td>4:00 - Principles of Hematology Instrumentation</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES:

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:
PA299.01  AUTOPSY PATHOLOGY

Advanced Clinical Clerkship  Location: UCLA  2009-2010
Revised: 12/1/08

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

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%
OUTPATIENT: 0%
CONSULTATION: 100%
PRIMARY CARE: 0%

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT: 3
TOTAL # OF PATIENTS EVALUATED EACH WEEK BY ENTIRE SERVICE: 5

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 COORDINATOR: Annetta Pierro
PHONE #: (310) 825-5719
E-MAIL: apierro@mednet.ucla.edu

REPORT TO: Course Chair, 8:00 a.m. of first day.

PREREQUISITES: None

AVAILABLE FOR EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1
DURATION: 3 weeks

2009-2010 ROTATIONS BEGIN WEEKS:
2, 5, 8, 11, 14, 17, 20, 27, 30, 33, 36, 39, 42, 45

STUDENT EXPERIENCES

STUDENT 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.
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.

TYPICAL WEEKLY SCHEDULE

ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: