PREREQUISITES: None

REPORT TO:
Dr. Vinters, 18-170 CHS at 8:30 on first day.

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 2 min 1

DURATION: 3 weeks

2004–2005 ROTATIONS BEGIN WEEKS:
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48 (list twice for 6 weeks)

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.

DESCRIPTION:
Introduction to modern Molecular and Morphologic GIC methods for the study of human nervous system disease.

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

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).
COURSE OBJECTIVES (in order of importance)

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


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.

STUDENT EXPERIENCES

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

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<td>TM Management</td>
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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.
COURSE CHAIR:  
Samuel French, M.D.  
(310) 222-2643

SUPPORTING FACULTY:  
Div. of Anatomical Pathology and other AP faculty

STUDENT COORDINATOR:  
Adriana Flores  
(310) 222-2643  
E-MAIL:  adflores@dhs.co.la.ca.us

REPORT TO:  Robert Morin, M.D., Harbor-UCLA Medical Center,  
2nd Floor South, Room 2A, 8:30 a.m.

PREREQUISITES:  None

AVAILABLE TO EXTERN:  Yes

STUDENTS / PERIOD:  max 2 min 1

DURATION:  3 weeks

2004–2005 ROTATIONS BEGIN WEEKS  
3,6,9,12,15,18,21,27,30,33,36,39,42,45,48

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.

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

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

APPROXIMATE # OF PATIENTS EVALUATED EACH WEEK BY STUDENT:  10%

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

TYPICAL WEEKLY SCHEDULE

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</table>
| AM   | 8:15 – 9:15 Frozen Section Conference  
GYN. Pathology Conference | 7:30 – 9:30 Surgical Morbidity and Mortality Conference  
8:30 – 9:30 Show and Tell Conf. | Autopsy  
9:30 Gross Micro-Radiology Correlation Conference. | 8:30 – 9:30 Pathology Grand Rounds  
11:00 – 12:00 Neuropathology Conference | |
| PM   | 1:00 – 2:00 Breast Tumor Conference | 12:30 Breast Tumor Board  
4:00 – 5:00 Pulmonary Pathology Conference  
Breast Clinic | 12:00 Medical M&M Conf.  
GI Pathology  
Hematopathology Conference | 2:00 – 3:00 Brain Cutting Conference | |

ON-CALL SCHEDULE & WEEKEND ACTIVITIES:  None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS:  None
PA250.02  SURGICAL PATHOLOGY

Advanced Clinical Clerkship  Location: CHS  2004–2005
1/27/03

COURSE CHAIR:  PHONE #:
Charles Lassman, M.D., Ph.D. (310) 206-5519

SUPPORTING FACULTY:
Drs. Bhuta, Cochran, Hirschowitz, Vinters, Said, Fishbein, Cortina, Twiss, Mischel, Dry, Nelson, Naeim and Binder

STUDENT COORDINATOR:
Jo Hamady  PHONE #: (310) 825-5719
E-MAIL: jhamady@mednet.ucla.edu

REPORT TO: J. Hamady, Rm. 13-145 CHS

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  CLOSE CONTACT WITH:
FOLLOW TIME FACULTY
CLINICAL FACULTY
FELLOWS
RESIDENTS
INTERNS
OTHER

CONSULTATION: N/A  PRIMARY CARE: N/A

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</td>
<td>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 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 11:30 Surgical Path Case Conference</td>
<td>8:00 Surgical Pathology Seminar Dissection and Evaluation of Gross Pathology of Individual Surgical Specimens 11:30 Surgical Path Case Conference</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>
<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>
<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. Nelson weekly to discuss particular disease processes in detail.
PA250.06 OVERVIEW OF CLINICAL PATHOLOGY

Course Chair: Samuel H. Pepkowitz, M.D.
Phone #: (310) 423-5360

Course Objectives (in order of importance):
1. Interpret basic blood typing and red-cell crossmatching.
2. Learn the basics of hemapheresis.
3. Learn to perform and analyze bone marrow specimens.
4. Learn to interpret peripheral blood smears.
5. Gain an introduction to the organizations of a microbiology and chemistry laboratory.

Supporting Faculty:
Stephen Lee, M.D., Stuart Dubin, M.D., Dennis Goldfinger, M.D., Wesley S. Nichols, M.D.

Student Coordinator: Jean Havercroft
Phone #: (310) 423-8981

Report To:
Dr. Samuel Pepkowitz, Room 1670, 8:30 a.m.

Available to Externs: Yes

Prerequisites: Medicine or Pediatrics

Students / Period: max 4 min 1

Duration: 3 weeks

2004–2005 Rotations Begin Weeks:
12, 40

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.

Student Experiences

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:
Full Time Faculty
Clinical Faculty
Fellows
Residents
Interns
Other

Approximate # of Patients Evaluated Each Week by Student: NA

Total # of Patients Evaluated Each Week by Entire Service: NA

Typical Weekly Schedule

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<tbody>
<tr>
<td>AM</td>
<td>9:30 Intro to Labs</td>
<td>8:00 Clinical Chemistry Laboratory; Major Analysis</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>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 Introduction to 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</td>
<td>4:00 Introduction to Mycology</td>
<td>4:00 Principles of Hematology Instrumentation</td>
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</table>

On-Call Schedule & Weekend Activities:

Additional Comments and Other Special Requirements:
COURSE CHAIR: Michael Fishbein, M.D.  
PHONE #: (310) 825-9731

SUPPORTING FACULTY: Staff of the Division

STUDENT COORDINATOR: Jo Hamady  
PHONE #: (310) 825-5719

REPORT TO: Course Chair, 8:30 a.m. of first day.

PREREQUISITES: None

AVAILABLE TO EXTERNS: Yes

STUDENTS / PERIOD: max 1 min 1

DURATION: 3, 6 weeks

2004–2005 ROTATIONS BEGIN WEEKS: 3, 6, 9, 13, 15, 18, 21, 27, 30, 33, 36, 39, 42, 45

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%

OUTPATIENT: 0%

CONSULTATION: 100%

PRIMARY CARE: 0%

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: 3

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

TYPICAL WEEKLY SCHEDULE

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<tr>
<td>AM</td>
<td>8:30 – 9:30 Autopsy Case Conference</td>
<td>9:00 Brain Cutting</td>
<td>8:15 Pathology Grand Rounds</td>
<td>8:00 – 9:00 Cytology, Fine Needle, EM and Immunopathology Conference</td>
<td>8:00 – 9:00 Surgical Pathology Micro Conference</td>
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<td></td>
<td>Case Work</td>
<td>10:00 Neuropathology Rounds</td>
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<td>11:00 Brain Cutting</td>
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<tr>
<td>PM</td>
<td>1:00 – 2:00 Neuropathology Session</td>
<td>3:00 – 4:00 Special Brain Cutting</td>
<td>Case Work</td>
<td>Case Work</td>
<td>1:00 Peds Cardiology (First Friday)</td>
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<td>Case Work</td>
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ON-CALL SCHEDULE & WEEKEND ACTIVITIES: None

ADDITIONAL COMMENTS AND OTHER SPECIAL REQUIREMENTS: