

LABORATORY MEDICINE

Elective Clerkships

Department website: <http://depts.washington.edu/labweb/>

LAB M 680 P-Clinical Laboratory Testing: Methods & Interpretation (*)

Offered:	AWSpS; 2 weeks. 4 credits. Can be taken twice for credit
Prerequisite:	12 weeks of clinical clerkships in the required clerkships of Medicine, Pediatrics, OB/Gyn or Surgery.
Total Enrollment:	2 students per two-week site rotation (not all sites are available for each rotation). Permission required (email or call Administrative Contact).
Faculty Contact:	Mark Wener, M.D., 206-598-6131, wener@u.washington.edu
Administrative Contact:	Linda Norkool, 206-598-6133, norkool@u.washington.edu
Clerkship Sites:	Clinical Chemistry at the VA Hematopathology at SCCA Hematology/Primary Care/Microbiology at HMC Immunology at UWMC Introduction to Lab Computer at UWMC Microbiology and Bacteriology at HMC Microbiology and Bacteriology at UWMC Pediatric Genetic Testing at Seattle Children's Hospital Pediatric Clinical Chemistry at Seattle Children's Hospital Molecular Virology at 1616 Eastlake Avenue E. Bldg.

Goals:

- Understand how laboratory tests are performed in a clinical laboratory, including methodology, quality control, generation of test results, trouble-shooting
- Understand appropriate clinical use of laboratory tests, including sensitivity, specificity, interferences
- Individualized teaching and studying, allowing students to specify site and topic of emphasis during rotation

Objectives:

- Observe laboratory testing as performed by medical technologists and Laboratory Medicine/Clinical Pathology physicians and other laboratory personnel in clinical laboratory setting
- Observe and participate in consultations and rounds between laboratory personnel and clinical services
- Review details of laboratory methods, indications, and principles for selected laboratory tests
- Use computer-based, self-paced learning modules, where appropriate to laboratory site and specialty
- Individualized and small group discussion with faculty and staff
- Honors paper option: Write short review of a topic related to the emphasized laboratory specialty

Schedule:

Monday-Friday, 8:00 am to 6:00 pm. On-site observation, reading, formal and informal conferences. Variable, depending on site and specialty area of the laboratory.

Conferences:

Laboratory Medicine Call Rounds, Wed. 12:00 -1:30 pm, NW150

Laboratory Medicine Grand Rounds, Wed. 3:30-4:30 pm, D209 (A, W, Sp quarters).

Laboratory Medicine Research Conference, Wed. 2:30-3:20 pm, NW150 (optional, A, W, Sp quarters)

Others, depending on site and specialty.

Presentations:

Optional 20 minute presentation to laboratory director and/or staff, for Honors grade.

Readings/texts:

Reference text (not required): *Clinical Diagnosis and Management by Laboratory Methods*. J.B. Henry editor. W.B. Saunders, Philadelphia, PA. 2001.

Others, depending on site and specialty of rotation.

Evaluation:

By faculty: Student performance is based on attendance and participation during the laboratory rotations. Potential for Honors grade based on written and/or oral presentation by the student.

LAB M 685 P-Laboratory Case Studies for Clinical Diagnosis (4)

Offered:	Winter only; one two-week period; full time; next session Jan. 5-16, 2009
Prerequisite:	Completion of required third-year clerkships
Total Enrollment:	15 students per session
Faculty Contact:	Theresa Nester, M.D., 206-292-2348, theresan@psbc.org
Administrative Contact:	Linda Norkool, 206-598-6133, norkool@u.washington.edu
Clerkship Sites:	UWMC

Goals and Objectives:

The competent physician should understand:

- The ways in which laboratory data may be used and misused,
- The interpretation of laboratory data, especially the use of reference ranges,
- The concepts of sensitivity, specificity, and predictive value,
- The limitations of clinical laboratories and laboratory data,
- Federal regulations governing bedside and office testing.

Schedule: See department. Didactic classroom setting, including presentation by students to each other.

Evaluation:

Web-based elective clerkships evaluations are required to be completed prior to receiving a grade.

LAB M 699 WWAMI P- Laboratory Medicine Special Electives (*, max 24)

Offered:	AWSpS; 4/5/6 weeks full time.
Prerequisite:	Permission of department; completion of required third-year clerkships. + 2 month application process
Enrollment:	Variable
Faculty Contact:	Mark Wener, M.D., 206-598-6131, wener@u.washington.edu
Administrative Contact:	Linda Norkool, 206-598-6133, norkool@u.washington.edu

By specific arrangement for qualified students, special clerkships or 'away clerkships' may be available at institutions other than the University of Washington located within the WWAMI region. Interested students should obtain a "Credit for Away Clerkship in WWAMI" form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

Evaluations:

Departmental evaluations are required to be completed by faculty and student prior to receiving a grade

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