

PATHOLOGY AND MICROBIOLOGY

PAMM 720 PATHOLOGIC ANATOMY 4 Credit Hours ELECTIVE

The M4 students enrolled in this program rotate through the following four divisions of the department: Surgical Pathology, Cytopathology, Hematopathology and Autopsy Pathology. The pathology faculty, fellows and residents teach and supervise the M4 students during this experience. The program duration for each M4 student is one month. We typically take three M4 students each month and can in some situations expand the program to accommodate 1-2 additional students. Students spend a week on each of the three services (Surgical Pathology, Cytopathology, and Hematopathology) with the option of observing an autopsy at any time during the rotation. While on the surgical pathology service, the students spend half of their time in the gross room assisting the pathology resident in the gross examination and processing of surgical specimens. They spend the other half of their time microscopically examining surgical specimens with a staff pathologist and resident. While on the cytology service, the student is involved with the microscopic examination of both gynecologic (GYN) and non-GYN cytology specimens with a staff pathologist and in observing fine needle aspirations (FNA) performed by staff pathologists. Students also participate on the autopsy service where they assist the resident pathologist in performing autopsies. The students are expected to attend all of the 8-9 a.m. resident teaching conferences. The students are also expected to attend one interdisciplinary conference per week. At the end of the rotation, the student is required to give a 15-20 minute presentation to the residents and staff pathologists on an anatomic pathology topic of their choice. Evaluation is based on attendance and participation in the rotation activities and conferences as well as on case presentations and the formal presentation at the end of the rotation. The program director is Dr. Subodh Lele. Activity-Hours/Week. Rounds-0. Didactic conferences-5. Independent learning-8. Research project-0. Independent patient care-0. Gross Microscopic Examination of specimens-25. Preparation of required Presentation-3. Participation in Interdisciplinary Conferences-1. Typically Offered: Each four weeks. Capacity: 3.

Visiting Student Information: Visiting Students are not to contact faculty or clinical departments prior to acceptance through VSLO. Doing so is considered a professional breach and may disqualify the student from being offered a rotation.

PAMM 721 FORENSIC AND MEDICAL AUTOPSY PATHOLOGY 4 Credit Hours

ELECTIVE

This rotation exposes medical students to the practice of the two main types of autopsy: forensic and medical. In it, students will learn the historic and current importance of the practice on understanding of disease processes, their contribution to health care quality, and role in public health. Students will have the opportunity to participate in both types of autopsy. Medical autopsies will be performed at UNMC with members of the Department of Pathology and Microbiology. Forensic cases will be performed with volunteer faculty working in cooperation with the Douglas County coroner. Students will complete mock autopsy reports and give a presentation on an interesting case.

Instructor: Geoffrey Talmon, M.D., Kirk Foster, M.D., Erin Linde, M.D., Michelle Eliff, M.D.

Contact: Anna Nordhagen;anna.nordhagen@unmc.edu.

Typically Offered: April, May, August, September, October, January, February, and March.

Capacity: 1

Visiting Student Information: Not available for visiting students.

PAMM 730 LABORATORY MEDICINE FOR THE PRACTICING PHYSICIAN 4 Credit Hours

ELECTIVE

This month long rotation is designed to give all medical students practical education in, be better consumers of, and make more effective use of laboratory services, regardless of their chosen specialty. Throughout the rotation, students will be exposed to the basics of how laboratory tests are done, common sources of error, an overview of office laboratory testing, how to evaluate the utility of new laboratory tests, and the critical role that pathologists and other laboratory professionals play in patient care. Instruction will occur through the lens of practical clinical cases via a mixture of didactic lectures, small group activities, and working with a pathologists that outline the gamut of services included within anatomic and clinical pathology. Students will be evaluated by their engagement in group activities, performance on an end-of-rotation assessment, a short presentation, and reflective journaling.

Instructor: Geoffrey Talmon, M.D.

Typically Offered: Each four weeks.

Capacity: 5 per rotation

Visiting Student Information: Visiting Students are not to contact faculty or clinical departments prior to acceptance through VSLO. Doing so is considered a professional breach and may disqualify the student from being offered a rotation.

PAMM 760 OFF CAMPUS PATHOLOGY ELECTIVE 4 Credit Hours

ELECTIVE

Prerequisite: Off-Campus Approval form completed.

Typically Offered: Each four weeks by arrangement with Dr. Lele. An Off-Campus Elective Application Form must be submitted for this experience. Capacity: Variable. Location: Variable.

Visiting Student Information: This course is NOT available to visiting students.

PAMM 799 SPECIAL PROBLEM&RSCH 4-6 Credit Hours

ELECTIVE

Students interested in specific aspects of pathology or desiring a background in pathology for a clinical specialty may undertake intensive study with the staff pathologist(s). The department faculty has diverse interests to compliment the needs of most students. These rotations may be tailored to include clinic-pathologic study, or basic research.

Students will be expected to attend appropriate resident conferences and interdisciplinary conferences related to the specialty area they are studying as agreed upon by their supervising faculty. Independent study may also be arranged with pathology faculty not listed here. Specialty-Staff. Cardiovascular Pathology-Dr. Radio. Clinical Chemistry-Dr. Bobr. Cytology-Drs. Baker, Lele, Radio, and Yuil-Valdes. Dermatopathology-Drs. DiMaio. ENT-Drs. Baker and Swanson. Flow Cytometry-Drs. Pirruccello and Greiner. Gastrointestinal Pathology-Drs. Lazenby, Talmon, Cohen, and Swanson. Gynecologic and Breast Pathology-Drs. Lele and Baker. Hematopathology-Drs. Greiner and Qureishi. Lung - Drs. Lele, Swanson, and Baker. Microbiology - Drs. Fey (Director), Hinrichs, and Iwen. Immunopathology-Dr. Johnson. Lung-Dr. West. Microbiology-Drs. Fey (Director), Hinrichs, Iwen. Molecular Pathology-Drs. Cushman-Vokoun, Cox, Cathcart, and Greiner. Neuropathology-Drs. Chen and Cathcart. Public Health Microbiology-Drs. Iwen, Fey, and Hinrichs. Renal Pathology-Drs. Foster and Talmon. Soft Tissue-Drs. DiMaio and Lauer. Transfusion Medicine-Drs. Koepsell, Bobr, and Williams. Transplantation Pathology-Drs. Radio, Talmon, Swanson, Fisher, and Markin. Urologic Pathology-Dr. Lele. Virology-Dr. Hinrichs.

Prerequisite: Pre-arranged with Dr. Lele and Staff Pathologist in charge of specialty of interest.

Typically Offered: Each four weeks by Arrangement with Dr. Lele and the Staff Pathologist in charge of the specialty area.

Capacity: 1 per specialty.

Visiting Student Information: Visiting Students MUST apply through VSLO and may add a specialty interest by attaching a document in VSLO with their selection. DO NOT CONTACT STAFF.