Electives in Pathology provide students an excellent way of broadening their knowledge of medicine and determining their level of interest in the specialty. Most pathology electives give students firsthand knowledge of the central role pathology plays in the diagnosis of disease, and, as such, are valuable for students going into almost any clinical specialty.

**PATHOLOGY ELECTIVE**

Course Director: Jen Lin, MD, Professor of Clinical Pathology, SUNY, Stony Brook; Adjunct Clinical Professor of Pathology, NYCOM  
Duration: 4 Weeks

**GOALS**

The Pathology elective introduces medical students to the field of pathology and the role of the pathologist in the diagnosis and treatment of disease.

**OBJECTIVES**

By completion of this one-month rotation, the medical student will:

1. Acquire the skills and experience necessary to accurately identify and triage all kinds of specimens to ensure the patient safety.
2. Develop understanding and familiarity in handling surgical specimens obtained by various techniques, i.e. incisional, excisional biopsies, and fine needle aspirations of the whole or part of an organ from various systems.
3. Learn to select pertinent tissue for histological process.
4. Understand the divisions in clinical pathology and its functions in blood banking, chemistry, hematology, microbiology, and virology.
5. Learn basic morphology of blood, bacteriology, mycology and common parasitology.
6. Discover how diagnoses are derived through pathology and their impact to patient therapy and outcome.

**CLINICAL EXPERIENCE**

- Allow the student, through suggested electives in medical and surgical subspecialties to observe and participate in the close interaction between pathologists and clinicians, with an emphasis on the consultant role of the pathologist.

**DIDACTIC EXPERIENCE**

Students will participate in interdepartmental and intradepartmental conferences and functions such as tumor board conferences, hematology rounds, etc. Students are encouraged to prepare at least one topic for a conference during the period of rotation.

**SUGGESTED READING MATERIALS**

- Robbins and Cotran Pathologic Basis of Disease by Vinay Kumar; Nelson Fausto; Abul Abbas, 2005.

**EVALUATION METHODS**

Students will be evaluated upon completion of rotation based on six ACGME Core Competencies - Patient Care, Medical Knowledge, Practice-based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, and System-based Practice.

**HOW TO APPLY**

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.

“T he Pathology rotation at NUMC was actually the best rotation I have been in so far. I was exposed to a lot of new subject techniques every day. I even had the chance to conduct research and presented my work to the Pathology Department.” — Rachel Girard, AUC Fourth Year Medical Student