

### Class Concept

This is specialized professional medical work where approximately 250 autopsy examination under the supervision of senior pathologists are performed. After results from toxicological and histological examinations as well as investigation are returned, a determination as to cause and manner of death is rendered and an autopsy report is completed. The fellow also reviews 900-1000 medical examiner cases from their region of the state, participates in medical examiner, resident, and medical student teaching, testifies in court, and attends scheduled didactic sessions and specialized training in postmortem toxicology, forensic anthropology, crime scene investigation, and criminal laboratory science and methods.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Thorough knowledge of principles, practices, literature, and current developments in the fields of pathological anatomy and forensic pathology.
- Thorough knowledge theoretical principles of the biological sciences including biochemistry, toxicology, anatomy, physiology, microscopy, and pharmacology.
- Thorough knowledge of the diversified specialized equipment, instruments, and materials required in all phases of pathology.
- Thorough knowledge laboratory protocol, procedure, and techniques associated with medicolegal investigative work.
- Thorough knowledge of legal medicine and ability to make medicolegal interpretations; ability to organize and implement a medical examiner program.
- Ability to work effectively with professional and lay persons in promoting and carrying out his/her duties.

#### Minimum Education and Experience

Licensed to practice medicine in the state of North Carolina and successfully completed residency in anatomic pathology.