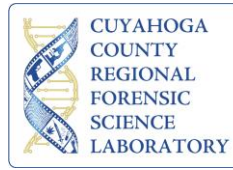




Cuyahoga County  
Medical Examiner's Office



## DNA Internship Program

### General Information

The DNA Section of the Cuyahoga County Medical Examiner's Office and the Cuyahoga County Regional Forensic Science Laboratory may allow for one internship opportunity per calendar year. The internship is designed to provide the student with an introduction to Serological and DNA analysis of biological materials and allow the student to observe the day-to-day operations of a DNA Laboratory. Internship opportunities are unpaid. The time frame of the internship opportunity is negotiable with the student's schedule but will not last longer than one academic semester. Internship hours may be obtained on weekdays during normal business hours.

### Internship Acceptance Requirements

The internship candidate must be currently enrolled in a Forensic Science program. The enrolled student must be in the 4th or last year of an undergraduate Forensic Science program or in the final year of a graduate Forensic Science Program. The internship candidate must show that their education is geared towards obtaining a degree in biology-, chemistry-, or forensic science-, related area and shall have course work (graduate or undergraduate level) covering the following subject areas: biochemistry, genetics, molecular biology; and population genetics and/ or statistics as it applies to forensic DNA analysis.

### Description of Program

Interns will observe the day-to-day operations of the DNA section and will observe different serological and DNA analysis techniques routinely performed in the section. The intern will have an opportunity to observe and learn the DNA evidence collection techniques from various surfaces and materials. Intern will have an opportunity to observe and learn DNA extraction methods, Real time PCR techniques, polymerase chain reaction (PCR) techniques, and detection of DNA on genetic analyzers from items of evidentiary value.

In addition to the academic requirements mandated by the Intern's educational institution, the Intern may be asked to complete a research project and/or presentation.

The student must pass a background check and drug screen before beginning work at CCMEO. Students must be covered by college, university or personal liability insurance and provide documentation of coverage. In the unlikely event of injury while at work, CCMEO does not assume liability. All appropriate vaccinations must be up to date.