The primary mission of the Armed Forces DNA Identification Laboratory (AFDIL) is to aid in identifying our nation’s current and past fallen heroes.

By upholding the highest standards, and through the development and optimization of novel DNA techniques, we remain on the forefront of forensic technology. We accept the responsibility to educate not only our staff and fellow scientists, but also those who have entrusted us with this mission. It is our privilege to serve the families of those who gave their lives for their country, and we spare no effort to fulfill the promise to leave no one behind. With respect and honor, we strive to better the quality of human life through science.

INTERNSHIP PROGRAM

TO APPLY

Candidates should contact the POCs listed below via email for current information about the internship program. Submit a copy of your resume and most current transcripts. Please include a short letter explaining your university internship requirements and your specific areas of interest within the Forensic DNA field.

Please submit this information no later than March 7, 2014.

Selected individuals will be contacted for an interview with the laboratory. Selected interns will then be asked to complete a consent form for a background check. Fingerprints, proof of citizenship, a photo ID, & a DNA reference sample will also be required for entry into the Internship Program.

POINTS OF CONTACT

Carlos H. Moran, MS
Director, Department of Medical Education - AFMES
carlos.h.moran.civ@mail.mil

Christina M. Neal, MS
Training and Education Manager - AFDIL
christina.m.neal7.ctr@mail.mil

Armed Forces Medical Examiner System
Armed Forces DNA Identification Laboratory
115 Purple Heart Drive
Dover Air Force Base, DE 19902
302.346.8900 ph
302.346.8870 fax
http://www.afmes.mil
The internship program offered at the AFDIL is a unique opportunity for students interested in pursuing a career in forensic DNA analysis to perform validation and/or research studies alongside practicing forensic scientists. The recently constructed 117,000 sq. ft. facility located on Dover Air Force Base houses a variety of instruments paramount to performing modern DNA testing. The hands-on experience gained by the intern will prepare the student for a future career in forensic DNA analysis.

**ELIGIBILITY REQUIREMENTS**
- Interest in a career in Forensic DNA Analysis
- GPA of 3.0 or greater
- Graduate student / undergraduate rising senior
- Preferred coursework:
  - General Biology
  - Molecular Biology
  - Genetics
  - Biochemistry
  - Statistics
- Proof of US Citizenship (Passport or Birth Certificate)
- No Felony Convictions

**PREFERRED SKILL SET(S)**
- Good laboratory practices
- Proper pipetting techniques
- DNA extraction techniques
- PCR Amplification
- Instrument Operations:
  - 3130xl, 3500xl series Genetic Analyzers
  - 7500 RT-PCR
- Familiar with Microsoft Office

**RESEARCH TOPICS**
All projects will be DNA specific and would potentially include evaluations or validations of new analytical methods, identification of new instrument applications, or data collection projects.

**RESEARCH REQUIREMENTS**
Candidates may be required to read articles, conduct literature searches, and review instrumental techniques prior to arriving at the laboratory. At the end of the program, candidates will present their research findings to laboratory personnel.

**TIME FRAME**
The summer internship program is an 8 week program scheduled to begin in early June. Internships are available year round based on student's availability.

**AVAILABLE COMPENSATION**
- Paid internships*
- Unpaid internships
- Academic credit (optional)

*Limited number available through the University Internship Program

**LODGING & TRAVEL**
Intern provided