

Consolidated Forensic Laboratory

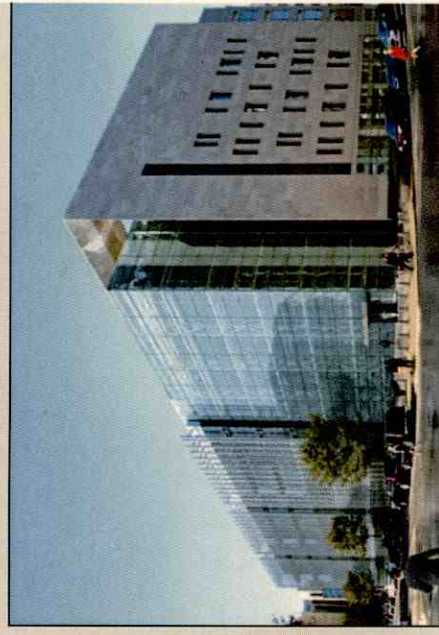
The Consolidated Forensic Laboratory (CFL) is rated Platinum by the Leadership in Energy and Environmental Design; the highest rating that can be achieved for energy efficient design features. Some features include:

- Solar controlled louver system on south side to adjust light and heat gain
- Vegetated upper roof to minimize urban heat island effect
- Water reclamation system whereby 100% of rain water is re-used, translating to 2M gallons of water savings per year



District of Columbia

Department of Forensic Sciences



D.C. Department of Forensic Sciences

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Providing timely, accurate, and reliable forensic science services by using the best practices and best available technology; with a focus on unbiased science, transparency, and goal of enhancing public safety.

Forensic Science Laboratory

Forensic Biology (DNA):

- Analysis of collected biological material such as blood, semen, and hair to establish identity.



- Combined DNA Index System (CODIS) database search and retrieval

Firearms Examination:

- Functionality of firearms
- Distance determination from muzzle to target
- Comparison of bullets and cartridges to determine possible sources of firing
- Serial number restorations
- National Integrated Ballistics Identification Network (NIBIN) database entry, search, and retrieval

Fingerprint Analysis:

- Comparison of known fingerprints from a victim or suspect to latent prints left at the scene.
- Automated Fingerprint Identification System (AFIS) database entry, search, and retrieval

Digital Evidence and Materials Analysis:

- Digital Evidence (recovery and analysis of data from Cell Phones, Computers and other Digital Media) and Materials Analysis (physical materials such as Automotive paint, Glass, Fibers and Soil etc...) are being developed in FY14

Crime Scene Sciences

Crime scene scientists are responsible for responding to a variety of crime scenes, from simple burglary to homicide cases; serving as the primary point of detection, collection, and preservation of evidential materials.

Crime Scene Scientists are responsible for properly documenting crime scenes, and photographing and collecting evidence for laboratory analysis.

Such evidential materials include:

- Biological materials (blood, semen, saliva, skin, hair, feces etc) including samples for DNA analysis
- Items of clothing
- Blood pattern analysis
- Materials (fibers, tape, soil, glass or paint)
- Firearms
- Bullets or cartridge cases
- Other potential weapons (including knives, baseball bats, hammers etc)
- Footwear/Tire tread patterns
- Latent fingerprint collection.
- Chemical enhancement of latent fingerprints (including CA su-



Crime Scene Scientists are also responsible for Vehicle examinations (including the recovery of latent fingerprints and biological materials for DNA analysis)

Public Health Laboratory

DFS-PHL provides analytical and diagnostic testing for human specimens and environmental samples for select agents and toxins, bacterial and viral infections, heavy metals, toxic or volatile materials, and other hazards of significance to safety and health.

The PHL serves as the Emergency Response Laboratory for Department of Health (DOH) and the Homeland Security and Emergency Management Agency (HSEMA) through interagency agreements to protect the District and its residents.

Services include:

- Diagnostic and confirmatory testing for viral agents such as Norovirus, pandemic Influenza, and West Nile virus.
- Testing and confirmation for microbial agents that cause diseases, outbreaks of gastroenteritis and foodborne illnesses, and emergency bioterrorism agents
- Detection, analysis and quantification of known toxic chemicals and related metabolites, including the analysis of unknown substances for chemical and elemental properties in various matrices.

The DFS-PHL is an accredited Clinical Laboratory Improvement Amendments (CLIA) High Complexity Laboratory.

PHL is also a member of the Laboratory Response Network (LRN) and Food Emergency Response Network (FERN).



**The Department of Forensic Sciences
Operations Management Team is
responsible for the Day-to-Day operations
of the department.**

The Operations Management Team consists of the following:

◆ Environmental, Health & Safety

The Department of Forensic Science promotes a culture of safety consciousness, accountability, organization and education within the Consolidated Forensic Laboratory (CFL). The Environmental Health & Safety (EHS) Management Team has implemented safety and health training programs to ensure safe laboratory practices for all personnel.

◆ Fleet Management

Currently supported by the Director's Executive Assistant – The DFS has government vehicles that are available for DFS employees only. All DFS employees must follow the fleet management policies and procedures in order to use the vehicles.

◆ Grants Management

Applies for and manages grant funds issued to the Forensic Science Laboratory, Public Health Laboratory, and Crime Scene Sciences divisions. The Grant Manager serves as the point of contact for all grant funded projects and is responsible for the compliance requirements for each grant awarded to the Department of Forensic Sciences.

◆ Human Resources

Responsible for providing a full range of technical assistance, guidance and advisory services to managerial, supervisory and non-supervisory staff in human resources activities for the agency. Assist with the development and submission of personnel action requests, time and pay.

◆ Resource Allocation

Works closely with the Agency Fiscal Officer and the Agency Budget Officer in order to monitor the internal budget of all divisions within DFS to ensure that the agency does not become deficient. Assists all agency divisions with maintaining the necessary minimal levels of supplies to effectively operate the labs and administrative areas of DFS. Oversees the procurement process from beginning to end to ensure that orders are properly entered into the PASS system and processed in a timely manner.

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