



Connecticut State Forensic Science Laboratory



Dr. Carll Ladd
Supervising Criminalist
DNA Unit

Forensic DNA Analysis

Evidentiary DNA profile(s) are generated from samples submitted to Forensic Lab.

Known profile(s) of suspect/victim (blood or buccal) are compared to DNA profiles from instant case.

No-suspect profiles entered into DNA database.





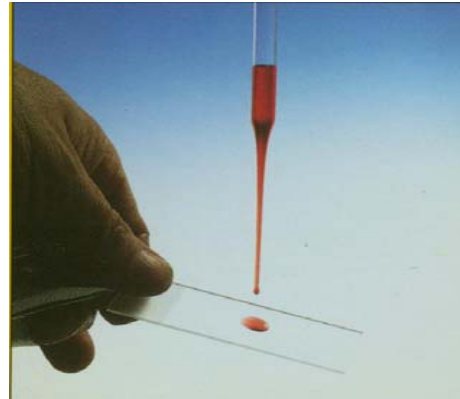
Sources of DNA Evidence

- **Blood**
- **Semen**
- **Saliva**
- **Urine**
- **Hair**
- **Teeth**
- **Bone**
- **Tissue**



DNA Analyst's Duties

1. Casework (~750/year)
2. Offender DNA Database (~5000/year)



PSM Program

Perspective Employees:

1. Background in Genetics and Molecular Biology.
2. Can perform forensic DNA testing methods.
(Hands-on courses, internships.)
3. Worked with UCONN to design the curriculum.
Different from standard forensic programs.



