

FORENSIC GENOMICS



#Genomics

A focus on the molecular and genomic biology associated with forensic science, including genome structure, genotyping, genetic analysis of DNA fingerprints, DNA data bases and CODIS, Y STRs. mtDNA and ethical considerations of DNA typing with discussion on the advancements of genetic genealogy. Groups work together to solve a murder mystery case as their final project.

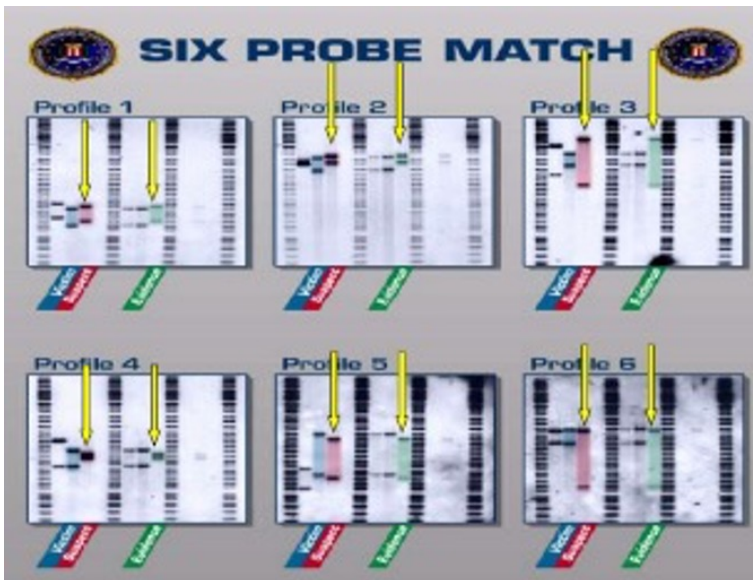
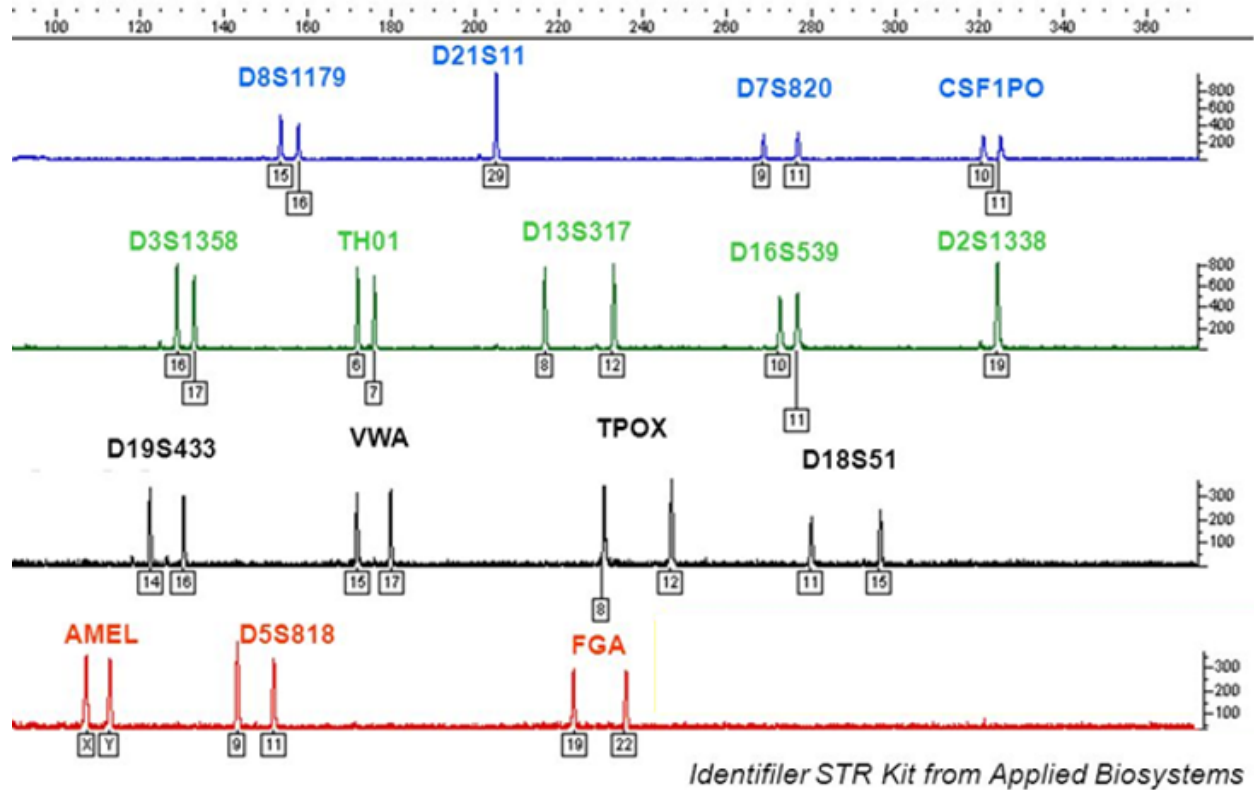
TOPICS

- DNA typing
- STR analysis
- Y-STRs
- mtDNA analysis
- Genetic genealogy
- Analysis of complex profiles
- Ethical considerations of DNA analysis
- DNA databases
- Advances in the field

INSTRUCTORS



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DNA samples from:

