FOREnsic genomics



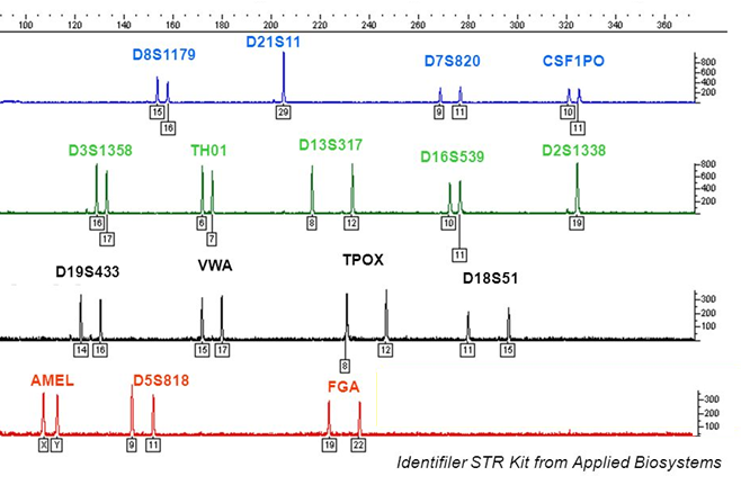
A focus on the molecular and genomic biology associated with forensic science, including genome structure, genotyping, genetic analysis of DNA fingerprints, DNA data bases and CODIS, Y STRs. mtDNA and ethical considerations of DNA typing with discussion on the advancements of genetic genealogy. Groups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

TOPICS

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| * 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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| Sophie Sneddon ~ Bioinformatician, video game enthusiast, cat person |  |  |  |  |



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