

Marshall University Forensic Science Center

FORENSIC Y-STR TRAINING

Instructor: Sarah Bowen, MS

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2011 AGENDA

MONDAY

- 9:00-10:00 Introductions and Pre-Test
10:00-12:00 Y Chromosome: Molecular Biology and Mutations
12:00-1:00 Lunch (Attendee Meet and Greet)
1:00-2:30 Y Chromosome: Genetics and Anthropology
2:30-4:00 Y Chromosome: Evolution and Forensic Applications

TUESDAY

- 9:00-10:00 Y-Chromosome Short Tandem Repeat (Y-STR) Interpretation Guidelines - SWGDAM
10:00-10:30 Setting up GeneMapper® ID for Y-STR Data
10:30-12:00 GeneMapper® ID Analysis of Yfiler and PowerPlex Y Haplotypes - Single Source & Father/Son Pairs
12:00-1:00 Lunch (Attendee Dialogue and SOP Sharing)
1:00-2:00 Y-STR Amplification Validation: Yfiler® and PowerPlex® Y
2:00-4:00 GeneMapper® ID Analysis of Yfiler and PowerPlex Y Haplotypes - Mixtures

WEDNESDAY

- 9:00-10:30 Y-STR Databases
10:30-12:00 GeneMapper® ID Analysis of Yfiler and PowerPlex Y Haplotypes - Mixtures
12:00-1:00 Lunch (Attendee Dialogue and SOP Sharing)
1:00-4:00 Y-STR Statistics

THURSDAY

- 9:00-12:00 Y-STR Testimony Exercise
12:00-1:00 Lunch (Attendee Dialogue and SOP Sharing)
1:00-3:00 Y-STR Case Studies
3:00-4:00 Y-STR Reference and Training Information, Questions, Post-Test, Evaluations and Certificates

DRAFT

Final Training Agenda may differ from above
Please check back for updated Agenda
closer to your selected training date

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