



TEXAS CRIMINAL DEFENSE LAWYERS ASSOCIATION

DNA

CO-SPONSORED WITH TSU FORENSIC SCIENCE LEARNING LAB

SEMINAR INFORMATION

Date January 31 – February 1, 2020
Location Texas Southern University | 3100 Cleburne Street Houston, TX 77004
Course Director Nicolas Hughes and Rick Wardroup
Total CLE Hours 14.50 Ethics: 0

Friday, January 31, 2020

Daily CLE Hours: 7.25

Ethics: 0

Time	CLE	Topic	Speaker
7:45 am		<i>Registration, Welcome and Continental Breakfast</i>	
8:15 am		<i>Opening Remarks</i>	Nicolas Hughes and Rick Wardroup
8:30 am	1.0	Serology: Stain Characterization, Presumptive Testing for Blood, Presumptive Testing for Semen, Confirmatory Testing for Blood, Confirmatory Testing for Semen	Dr. Bobby LaRue SHSU and Rachel Houston, SHSU
9:30 am		<i>Break</i>	
9:45 am	1.0	DNA Theory and Human Genetics: Nuclear DNA, Y-STR DNA, Mitochondrial DNA	Dr. Bobby LaRue, SHSU and Rachel Houston, SHSU
10:45 am	1.0	DNA Preparation: Extraction, Quantitation, Amplification and PCR	Dr. Bobby LaRue, SHSU, and Rachel Houston, SHSU
11:45 am	.50	DNA Interpretation, Part 1: Electrophoresis, Reading an Electropherogram	Dr. Bobby LaRue, SHSU and Rachel Houston, SHSU
12:15 pm		<i>Lunch Line</i>	
12:30 pm	1.0	<i>Lunch Presentation:</i> NAS Report, PCAST, and UK Forensic Regulator's Report	Panel - Dr. Ashraf Mozayani and Dr. Jasmine Drake
1:30 pm		<i>Break</i>	
1:45 pm	1.50	DNA Interpretation Part 2: Artifacts, Interpretation Thresholds, Mixtures	Dr. Bobby LaRue, SHSU, and Rachel Houston, SHSU
3:15 pm	1.25	Basic DNA Probabilities: How Allele Frequencies are Calculated, RMP, CPI, Likelihood Ratios	Dr. Michael Coble, UNTHSC
4:30 pm		<i>Adjourn</i>	



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7:45 am		<i>Registration, Welcome and Continental Breakfast</i>	
8:15 am		<i>Opening Remarks</i>	Nicolas Hughes and Rick Wardroup
8:30 am	1.5	Probabilistic Genotyping: MCMC Modeling Continuous / Semi-Continuous Methods	Dr. Michael Coble, UNTHSC
10:00 am		<i>Break</i>	
10:15 am	1.0	Limitations of DNA as Evidence: Transfer, Degradation	Dr. Bobby LaRue, SHSU and Rachel Houston, SHSU
11:15 am	1.0	Evidence in DNA Cases: Laboratory Casefiles, Standard Operating Procedures	Dr. Greg Hampikian and Janet Layne
12:15 pm		<i>Lunch Line</i>	
12:30 pm	1.0	<i>Lunch Presentation: Strategies in DNA Cases</i>	Dr. Greg Hampikian and Janet Layne
1:30 pm		<i>Break</i>	
1:45 pm	1.0	Workshop: Q&A Session	Workshop
2:45 pm	1.0	Workshop: Bring Your Own Cases/Guided Exploration	Workshop
3:45 pm	.75	Workshop: Communicating Scientific Evidence to Juries and Judges	Workshop
4:30 pm		<i>Adjourn</i>	