

DNA – Space is limited

Co-sponsored with TSU Forensic Science Learning Lab

Houston, Texas – Friday, January 31 through Saturday, February 1, 2020

Course Directors

Nicolas Hughes – Houston | Rick Wardroup – Lubbock

Overview

DNA evidence is important evidence, often used by the prosecution to link the accused to the commission of some crime. Like all other scientific evidence used in criminal cases, knowing the limitations of DNA evidence, being able to spot issues in the casefile, and being able to translate the language of a scientist to a jury can spell the difference between conviction and acquittal. This two-day seminar focuses on the basics of DNA with the goal of teaching lawyers what they are looking at in DNA cases, what they are looking for when requesting information from laboratories, and how to communicate with DNA experts and juries.

Friday - January 31, 2020 | CLE 7.25 Ethics 0

8:15 am **Opening Remarks**

8:30 am **Serology**

9:45 am **DNA Theory and Human Genetics:** Nuclear DNA, Y-STR DNA, Mitochondrial DNA

10:45 am **DNA Preparation:** Extraction, Quantitation, Amplification and PCR

11:45 pm **DNA Interpretation Part 1:** Electrophoresis, Reading on Electropherogram

12:30 pm **Lunch Presentation:** NAS Report, PCAST, and UK Forensic Regulator's Report

1:45 pm **DNA Interpretation Part 2:** Artifacts, Interpretation Thresholds, Mixtures

3:15 pm **Basic DNA Probabilities:** How Allele Frequencies are Calculated, RMP, CPI, Likelihood Ratios

4:30 pm **Adjourn**

Saturday - February 1, 2020 | CLE 7.25 Ethics 0

8:15 am **Opening Remarks**

8:30 am **Probabilistic Genotyping:** MCMC Modeling Continuous/Semi-Continuous Methods

10:15 am **Limitations of DNA as Evidence:** Transfer, Degradation

11:15 am **Evidence in DNA Cases:** Laboratory Casefiles, Standard Operating Procedures

12:30 pm **Lunch Presentation:** Strategies in DNA Cases

1:45 pm **Workshop: Q&A Session**

2:45 pm **Workshop: Bring Your Own Cases/Guided Exploration**

3:45 pm **Workshop:** Communicating Scientific Evidence to Juries and Judges

4:30 pm **Adjourn**

This course is funded by a grant from the Texas Court of Criminal Appeals

Registration I Materials

Registration is required to attend this program and provides for lunch and the materials. Materials will be provided electronically in pdf format. By using this form to register for this course you affirm that you are a licensed Texas criminal defense attorney who regularly represents indigent defendants or member of their staff

Early Registration before 1.15.20

\$35 including \$15 Tuition* (for all classes, continental breakfast, lunch and materials) plus a \$20 voluntary contribution

Apply for \$200 travel stipend toward hotel or mileage (limited number)

Check category

Judge Attorney Investigator

Mitigation Staff

If you do not wish to make the **voluntary contribution**, please remit only \$15 and mark this box.

Registration after 1.15.20

\$75 including \$55 Tuition* (for all classes, continental breakfast and materials) plus a \$20 voluntary

***Lunch is not guaranteed**

Check category

Judge Attorney Investigator

Mitigation Staff

If you do not wish to make the **voluntary contribution**, please remit only \$55 and mark this box.

Unable to pay tuition? E-mail mschank@tcdla.com to explain. Include the program name in the subject.

Meeting Location

The seminar is being held at Texas Southern University - Auditorium, 3100 Cleburne St, Houston, TX 77004. A hotel room block has not been reserved for this event. If you need assistance with locating a hotel contact TCDLA.

Register - Payment must accompany Registration

Online www.tcdla.com Fax 512.469.0512

Phone 512.478.2514

Mail 6808 Hill Meadow Dr. | Austin, TX 78736

Questions?

Email ejaramillo@tcdla.com or call 512.478.2514

Tax Notice: \$36 of your annual dues (\$19 if a student member) is for a one year subscription to the VOICE for the Defense. Dues to TCDLA are not deductible as a charitable contribution but may be deducted as an ordinary business expense

www.tcdla.com

Contact Information

Name _____

Bar Number _____

Street Address _____

City _____ State _____ Zip _____

E-mail _____

Phone _____ Cell _____

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Renew Membership \$180

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For your convenience, TCDLA uses AUTO-RENEWAL for all membership dues, using your checking account or credit card. You will be automatically enrolled in the auto-renewal program, so you do not have to do anything while continuing to enjoy membership benefits every year! You can always opt out of auto-renewal anytime by simply emailing mrendon@tcdla.com or by checking the opt-out option above.

Payment Check Credit Card

Credit Card Number _____ Expiration Date _____

Signature _____

General Information

NOTE: Please read before registering: you may not register for this program if you are, or are working for, or are affiliated, clerking or interning with: a full-time law enforcement officer, a full or part-time state or federal prosecutor, or if you are a full or part-time criminal defense attorney who is currently acting as a prosecutor or special prosecutor in a capital case (unfortunately, no exceptions).

*Tuition will be used to cover future expenses of TCDLA's grant programs or to provide for items that the grant cannot sufficiently cover.

**Voluntary contributions go to support The Texas Criminal Defense Lawyers Association (TCDLA), a nonprofit organization, and will go directly to TCDLA's private fund account.

CANCELLATION POLICY: Written notice must be received 5 business days prior to the program (E-mail: mschank@tcdla.com). After this date, no refunds, but substitution of attendees will be permitted with prior approval. Registrants who paid tuition and are not entitled to a refund can receive the course materials. Note: Tuition waiver recipients must attend the program to receive materials.