

Webinar Series  
Funded by the U.S. Department of Justice

Bureau of Justice Assistance

Capital Litigation Initiative:  
Crime Scene to Courtroom Forensics Training

**Webinar #12: “DNA Evidence Essentials - Preparing for Expert  
Testimony with a Forensic DNA Analyst: New Technology**

**Presented by Rachel Oefelein – QA Manager/Research & Innovation  
DNA Labs International**

- I. Brief overview of forensic DNA and how it is used in the courts
- II. Differences between public versus private labs
- III. Cold Case Reviews
- IV. Admissibility hearing vs trial testimony
  - a. Alternate witnesses
  - b. Pre-trial meeting, supplemental motions/affidavits
  - c. Requesting/maintaining previous case records/transcripts
- V. Qualifying your expert in new technology
- VI. Questioning an additional expert
- VII. Familial searching, phenotyping, forensic genealogy
  - a. Differences
  - b. Uses
  - c. Who testifies?
- VIII. Probabilistic genotyping
  - a. Secondary transfer
  - b. Likelihood ratio
- IX. Capital case litigation
- X. Questions & answer session

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*This project was supported by Grant No. 2015-CP-BX-K006 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.*