

**NANCY DINH**  
**Senior Forensic Scientist**  
**Quality Assurance Manager**  
*Curriculum Vitae*

## **PROFESSIONAL EXPERIENCE**

Ms. Dinh joined Forensic Analytical Crime Lab in August 2015. She specializes in screening and examining physical evidence for human biological material. Post-screening analysis includes sampling, microscopy, extraction, concentration, quantification, amplification, and genetic interpretation of DNA samples using autosomal (Investigator 24plex) and y-chromosomal (Yfiler) PCR-based techniques, as well as capillary electrophoresis. She has experience in the examination of evidence in civil and criminal cases and is available for consultation and review of other expert work.

## **PROFESSIONAL AFFILIATIONS AND CERTIFICATIONS**

American Academy of Forensic Sciences Associate Member, current

California Association of Criminalists Associate Member, current

American Board of Criminalistics

- Certified in Biological Evidence Screening, July 2021, current
- Certified in Forensic DNA, July 2021, current

ANSI National Accreditation Board (ANAB), Forensic Technical Assessor, 2021-Present

FBI Quality Assurance Standards (QAS), Assessor, 2021-Present

Licensed by the Texas Forensic Science Commission in Forensic Biology/DNA, November 2021

Criminal Justice Information Services (CJIS) Awareness Training, Security Level 2 Certification, January 2022

## **EDUCATION**

Master of Science in Biomedical Forensic Science, Boston University School of Medicine, 2012

Bachelor of Science in Neuroscience, University of California, Los Angeles, 2009

## **OTHER PROFESSIONAL EXPERIENCE**

- 2014 – 2015            Police Records Clerk II, Hayward Police Department, Hayward, CA.
- 2011 – 2012            Laboratory Technician, Genetic Services, Inc., Cambridge, MA.

## **SPECIALIZED TRAINING**

R106 Biological Fluid Identification, California Criminalistics Institute, California Department of Justice, Rancho Cordova, CA, June 21-24, 2016.

STRmix Training Workshop, Oakland Police Department Criminalistics Laboratory, Oakland, CA, February 21-24, 2017.

ANAB Forensic ISO/IEC 17025:2017 Internal Auditor Course, Kern County Regional Crime Laboratory, Bakersfield, CA, September 11-14, 2018.

ANAB Forensic ISO/IEC 17025:2017 Technical Assessor Training Online Course, Instructor-led Remote Training, June 28-July 2, 2021.

ANAB Enhancing Forensic Decision Making, Instructor-led Remote Training, November 18, 2021.

FBI Quality Assurance Standards/Auditor Training Course, Self-paced, November 29, 2021.

## **PUBLICATIONS & PRESENTATIONS**

*An Analysis of the Accuracy and Function of Three Presumptive Methods Used in Forensic Science for the Detection of Urine* presented to the Boston University Biomedical Forensic Science Graduate Program, Summer 2012, Boston, MA.

Guest Speaker, Panel Discussion for Forensic Science Students, San Leandro High School, February 1, 2017, San Leandro, CA.

*A Benchmark for Meaningful Forensic DNA Analysis: Field (Beta) Testing of the Qiagen Investigator Quantiplex Pro qPCR Assay*, presented at the 6<sup>th</sup> Annual Qiagen Investigator Forum, April 5, 2017, Prague, Czech Republic.

*The Twenty-Six Year Investigation of the Kidnapping, Rape, and Murder of Dana Ireland*, presented at the California Association of Criminalists Seminar, May 2017, San Francisco, CA.

*Lessons Learned: The Exoneration of Robert Earl DuBoise*, presented at the American Academy of Forensic Sciences Annual Meeting, February 2021, Virtual Meeting.

*Stay Gold: Lab-based Considerations to Help Keep DNA the Shining Standard*, presented at the American Academy of Forensic Sciences Annual Meeting, February 2021, Virtual Meeting.

*Forensic DNA Analysis*, presented at FutureScapes Forensics Academy, October 9, 2021, Virtual Workshop.