



NANCY V. DINH
Forensic DNA Analyst
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 (Identifiler and MiniFiler) and y-chromosomal (Yfiler) PCR-based techniques, as well as capillary electrophoresis. She has also participated in the internal validation of several DNA methodologies. 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

- California Association of Criminalists Associate Member, current

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

- Laboratory Technician, Genetic Services, Inc., Cambridge, MA., 2011 – 2012
Maintained *Drosophila melanogaster* stocks by transferring flies to fresh food vials; identifying and differentiating flies by phenotype; “crossing”, or mating, female virginal flies with males who have been injected with foreign DNA; and training and supervision of new lab personnel on standard laboratory protocols.
Reason for Leaving: Graduated and moved to California to find career-specific work.

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.

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