



**RESUME OF
ERIN A. LAURIE**

EDUCATION

- 6/2016** **University of California, Davis: Davis, CA**
Master of Science in Forensic Science
- 5/2012** **University of Puget Sound: Tacoma, WA**
Bachelor of Science in Biochemistry, Minors in Music and Mathematics

EMPLOYMENT **Serological Research Institute, Richmond, CA**

- 8/2021 – Present** Forensic DNA Analyst II
3/2020 – 8/2021 Forensic Serologist II
8/2018 – 02/2020 Forensic Serologist I
1/2017 – 7/2018 Assistant Forensic Serologist

Handling, examination and screening of evidence items. Extraction, quantification, and amplification of DNA from known evidence samples. Analyze and interpret data, provide expert testimony and analytical reports. Experience includes organic and robotic extraction, quantitation with Real-Time PCR using Quantifiler Trio kit on the ABI 7500 and the QuantStudio 5, amplification with Identifiler, Identifiler Plus, MiniFiler, GlobalFiler, YFiler, and Yfiler Plus kits on the ABI 9700, STR and YSTR analysis on the ABI 3130xl and 3500 using GeneMapper ID-X software, statistical analysis using eDNA Bullet probabilistic genotyping software.

- 1/2015 – 12/2016** **Serological Research Institute, Richmond, CA**
Intern
Assisted the Laboratory Technician with internal laboratory validations of: ABI Globalfiler™ kit; ABI YFiler Plus™ kit; ABI 3500 Genetic Analyzer; ABI Quantifiler Trio®. Performed internal validations of: Seratec® alpha-Amylase confirmatory test cards; NucleoSpin® DNA clean-up columns; ABI GeneAmp® 9700. Assisted with biohazard waste disposal and dishwashing.

- 10/2015 – 12/2015** **UC Davis Forensic Science Graduate Program, Davis, CA**
Grader
Assisted with the "Population Genetics" course in the UC Davis Forensic Science Graduate Program. Graded all student exams and prepared final grades for reporting to UC Davis Graduate studies.

1/2015 – 3/2015 **UC Davis Forensic Science Graduate Program, Davis, CA**

Teacher's Assistant

Assisted with the "Personal Identification Methods" course in the UC Davis Forensic Science Graduate Program. Prepared two lectures on forensic DNA analysis for the course. Lectures were titled "The Development of Forensic DNA Analysis: Past Techniques and Technologies" and "Current Forensic DNA Laboratory Workflow/An Overview of Next Generation Techniques." Assisted in the preparation of student exams. Graded all student exams and prepared final grades for reporting to UC Davis Graduate studies.

PROFESSIONAL AFFILIATIONS

California Associations of Criminalists:

Affiliate member from August 2014-May 2019. Associate member since May 2019.

AWARDS

American Academy of Forensic Sciences – Jan S. Bashinski Graduate Thesis Grant, September 2014

TESTIMONY EXPERIENCE

County of Sonoma, California Superior Court

July 2021

CONTINUING EDUCATION AND TRAINING

California Association of Criminalists, 2014 Fall Seminar, "Future Trends in Forensic DNA" Workshop, October 20th 2014, Rohnert Park, CA.

California Association of Criminalists, 2017 Fall Seminar, "NFSTC Legal Workshop" May 9th 2017, San Francisco, CA.

California Criminalistics Institute, 2017 Course A130: "Ethics in Forensic Science," June 8th 2017.

California Association of Criminalists, 2018 Spring Seminar, DNA Workshop, May 8th 2018, Concord, CA.

California Criminalistics Institute, 2018 Course A109: "Presentation of DNA Evidence in Court," October 16th-17th, 2018.

California Association of Criminalists, 2019 Spring Seminar, Genealogy Workshop, May 14th 2019, Oakland, CA.

31st International Symposium on Human Identification (Virtual), September 14th-18th, 2020.