



**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*

- 03/2020 – Present**      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, 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**

None at present

**CONTINUING EDUCATION AND TRAINING**

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

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

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

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

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

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