



**RESUME OF  
YVETTE DE LA TORRE**

***EDUCATION***

***June 2012***

***Santa Clara University, Santa Clara, CA***

Bachelor of Science in Biology, Emphasis in Cellular and Molecular Biology and Minor in Public Health Science, Minor in Spanish Studies

***EMPLOYMENT***

***1/2017 – Present***

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

Forensic Serologist I (August 2018 - Present)

Assistant Forensic Serologist (January 2017 - July 2018)

Handling, examination and screening of evidence items. Perform presumptive/confirmatory tests for biological fluids. Extraction, quantification, and amplification of DNA from known and unknown evidence samples. Analyze and interpret data, prepare written reports, and provide expert testimony. 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. Organize and maintain evidence storage and evidence records, and catalog newly arrived and departing evidence

***12/2015 – 12/2016***

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

Laboratory Technician- Contractor

Technical & administrative assistance with the validation of Technical Procedures. Validations include: DNA Mixture Verification (using ABI Identifiler Kit and ABI Identifiler Plus Kit); ABI Quantifiler Trio DNA Quantification Kit and software; ABI GeneMapper ID-X software; ABI Globalfiler Kit; ABI 3500 Genetic Analyzer; ABI MiniFiler Kit; ABI Yfiler Plus Kit; SERATEC PMB Test. Responsible for planning, conducting, designing, implementing, writing, and statistical analysis for any and all procedures pertaining to the above.

**EMPLOYMENT (continued)**

**8/2013 – 11/2015**      ***Latinas Contra Cancer, San Jose, CA***  
Nonprofit Organization- Program Coordinator/ Data Entry Specialist

Complete all data entry updates of participants/clients. Perform data analysis and generate statistics using surveys/ questionnaires. Follow HIPAA compliance with records and maintain confidentiality to ensure privacy of PHI. Create different data reports as requested by the Founder/CEO and Office Manager. Help with organization and registration of participants. Aid Health Educators during programs and ensure it meets delivery guidelines. Record meeting minutes and perform other office related tasks when needed.

**1/2013 – 4/2013**      ***Katharine & George Alexander Community Law Center, Santa Clara, CA***  
Interpreter

Translate between law students and Spanish-speaking clients. Interpret information about immigration law and workers' rights. Work closely with attorneys and law students to give clients legal advice. Ensure clients understand and receive correct information pertaining to their case. Maintain confidentiality of client information.

**INTERNSHIP**

**3/2013 – 11/2015**      ***District Attorney's Santa Clara County Crime Laboratory, San Jose, CA***  
Forensic Biology Unit- Intern

Obtain autosomal DNA profiles from reference samples. Methods/Techniques include: organic extraction, differential organic extraction, robotic extraction with the EZ1 Advanced XL, quantification, PCR amplification, and capillary electrophoresis. Experience with kit types includes: Quantifiler Duo and Quantifiler Trio quantification kits; Identifiler Plus, Yfiler, Yfiler Plus, GlobalFiler, and PowerPlex Fusion amplification kits. Experience with forensic equipment and software includes: 7500 Real-Time PCR system, HID Real-Time PCR Analysis Software version 1.0, 9700 GeneAmp PCR system, 3130 Genetic Analyzer, 3130 data collection software, GeneMapper ID version 3.2 software, GeneMapper ID-X, and GeneScribe Plus excel workbook/software. Help with validation studies, essential DNA projects, and testing of new forensic products for technological advancements. Familiar with crime laboratory case organization and filing systems. Experience with researching case records within the Laboratory Information Management System (LIMS) and updating Chemical Inventory within LIMS. Observation of trace and forensic biology evidence exams and processing. Perform laboratory duties/ housekeeping. Remove solid chemical and biohazardous waste. Restock inventory and organize laboratory supplies. Review homicide cases for possible retesting. Review STR batch files to ensure documentation is complete for final scanning. Perform other duties as requested by the Supervising Criminalist.

***PUBLICATIONS***

**"Optimizing Collection of Trace Biological Samples from Vehicle Headrests",**

Tang, Ramirez, Bond, Weart, DeLaTorre, Fitch, Lee, San Jose State University, University of Leicester, Santa Clara County Crime Lab. ISHI Poster. October 2015.

***PROFESSIONAL AFFILIATIONS***

Affiliate Member - California Association of Criminalists, August 2016 - Present

***AWARDS***

California Association of Criminalists - Edward F. Rhodes Memorial Award, February 2016

***TRAINING COURSES & WORKSHOPS***

Applied Biosystems HID University

3500 Genetic Analyzer Training, Heather R. Fisher Sargent, January 2016

UC San Diego Extension

Introduction to Genetics and Human Disease, Summer 2016

Introduction to Biochemistry, Fall 2016

Kinship Calculation and Probabilistic Genotyping Training, Kent. M Harman, March 2017

West Virginia University Continuing Professional Education

Ethics in Forensic Science, June 2017

NFSTC Legal Workshop, CAC 2017 Spring Seminar, May 2017, San Francisco, CA

28<sup>th</sup> International Symposium of Human Identification, Seattle, WA, October 2-5, 2017

DNA Workshop, CAC 2018 Spring Seminar, May 2018, Concord, CA