



## ***VENESSA D. SILVEIRA***

### **WORK EXPERIENCE**

**December 2008- Current**     ***Serological Research Institute (SERI), Richmond, CA.***  
Forensic Serologist II, Reagents/Supply Manager

Duties: Casework examination, complex analysis and court testimony. Maintain and supervise inventory and quality control testing of reagents and supplies.

**May 2006- Nov. 2008**     ***Serological Research Institute (SERI), Richmond, CA.***  
Forensic Serologist I

Duties: Casework examination and testing of biological evidence including serological testing, and PCR-based DNA analysis.

**July 2004- May 2006**     ***Serological Research Institute (SERI), Richmond, CA.***  
Assistant Forensic Serologist

Duties: Assisted higher level serologists in evidence processing, sampling, presumptive and confirmatory body fluid testing, evidence control, systematic semen analysis, whole blood preparation, hairs, fingernails, and blood or saliva reference samples. Skilled in PCR-based DNA methods, including organic extraction, amplification, PE 9700 thermocycler operation and Applied Biosystems 310 Genetic analyzer. Also assist in quality control testing, new reagent testing, troubleshooting and multiple caseload scheduling.

**February 2003-July 2004**     ***Adventist Health Systems/Northlake Medical Associates***  
Lab Technician/Medical Assistant

Processed and collected specimens as a nationally certified, and California State licensed Phlebotomy Technician for small rural hospital and medical office. Performed inpatient and outpatient venipunctures, arterial blood draws and analysis with various equipment including the blood gas analysis system. Experienced with various body fluid procedures including Blood, urine, semen, feces and others. Learned valuable laboratory specimen handling skills. Collected DNA buccal swab, fingerprint and patient photos send out processing.

**FORMAL EDUCATION:**

**December 1996**

*University of California, Santa Cruz*  
Bachelor of Arts in Biology

Courses in fulfillment of DNA Advisory Board Guidelines: Molecular Biology, Genetics, Biochemistry, Biostatistics

**March 2005**

*California State University, Fullerton*  
Certificate in Applied Forensic Science

**FORMAL TRAINING COURSES/WORKSHOPS**

Forensic DNA Preparation/Extraction workshop - Serological Research Institute  
40hours- October, 2004

Forensic Documentation- California State University, Fullerton, 20 hours- 2004

Forensic Toxicology- California State University, Fullerton, 16 hours- 2005

Expert Witness Skills - California State University, Fullerton, 16 hours, 2005

Forensic Chemistry- California State University, Fullerton, 16 hours, 2004

Fingerprint Lab- California State University, Fullerton, 20 hours, 2004

Trace Evidence- California State University, Fullerton, 16 hours, 2005

Crime Scene Investigation - California State University, Fullerton, 20 hours, 2004

**RELEVANT RESEARCH EXPERIENCE**

'Summary of Extraction Blanks with Peaks' Study,  
January 2005, presented to SERI staff at Serologist meeting.

'Amylase Typing of Non-Coital Vaginal Swabs' Study  
April 2005, presented to SERI staff at Serologist Meeting.

'Effect of Input Volume and Incubation Times of Proteinase K and  
Human Nuclear DNA Quantitation Values.' July 2009, SERI internal research.

**MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

California Association of Criminalists, Member, 2005-current