



4125 Market Street, Suite 3 • Ventura, CA 93003 • 805.677.2155 • fax.805.676.1638

Professional Vita **Ann Challed-Spong**

Formal Education

Master of Science, Criminalistics; California State University, Los Angeles (CSULA), Los Angeles, CA, 1996.

Bachelor of Arts, Biology; University of California, San Diego, CA, 1989. Minors: Art History and Psychology.

Pertinent coursework: Molecular and Cell Biology, Biochemistry, Genetics, Physical and Trace Evidence, Forensic Serology.

Professional Meetings, Workshops, and Specialized Courses

- National Institute of Justice Forensic Technology Center of Excellence (NIJ FTCE): Effects of DNA Extraction Methods on Recovery, Degradation, and Loss; August 2020
- California Association of Criminalists (CAC): Joint Northern and Southern DNA Study Group Meeting; July 2020
- NIJ FTCE: Stress, Vicarious Trauma, and Resiliency for Forensic Science Professionals; June 2020
- NIJ FTCE: Rapid and Effective Identification of Organic and Inorganic Gunshot Residues; November 2019
- NIJ FTCE: Probabilistic Genotyping of Evidentiary DNA Typing Results – An Online Workshop Series; May-July 2019
 - The Elements of DNA Profile Interpretation and Probabilistic Genotyping
 - Statistical Genetics and the Mechanisms of Probabilistic Genotyping
 - Probabilistic Genotyping Software and Output
 - Validation of Probabilistic Genotyping Systems for Casework Usage
 - Representation of Statistical Weight to Stakeholders and the Court

- Probabilistic Genotyping in Court
- Uncertainty and Limitations of Probabilistic Genotyping Systems
- Probabilistic Genotyping Summation and Special Topics
- CAC: DNA Workshop; October 2018
- CAC: DNA Workshop; September 2017
- CAC: Spring Seminar Workshop; DNA: Probabilistic Genotyping; May 2015
- Applied Biosystems Seminar: HID LA Road Show; September 2014
- National Institute of Standards and Technology (NIST): DNA Analyst Webinar Series; Probabilistic Genotyping & Software Programs (Part 1); May 2014
- NIST: DNA Mixture Interpretation Workshop & Webcast; April 2013
- CAC: DNA Workshop; Spring Seminar, 2012
- CAC: General Meeting; DNA Workshop; Hair Workshop; Fall Seminar, 2011
- CAC: Fall 2011 Seminar; Non-Human DNA Workshop; October 2011
- CAC: General Meeting; Advanced DNA Mixture Interpretation Workshop; Fall Seminar, 2010
- CAC: General Meeting; QA/QC Study Group; Spring Seminar, 2010
- CAC: General Meeting; Courtroom Presentation of Evidence; Fall Seminar, 2009
- CAC: General Meeting; DNA Workshop; Spring Seminar, 2008
- Promega: International Symposium on Human Identification, 2007
 - Expert Witness Testimony Workshop
 - Generating DNA Profiles from Difficult Samples Workshop
- Applied Biosystems Seminar: Future Trends in Forensic DNA Technology, September 2007
- CAC: General Meeting; DNA Workshop; Spring Seminar, 2007
- Applied Biosystems Seminar: Future Trends in Forensic DNA Technology, September, 2004
- CAC: Forensic DNA Quantification: Using Real-Time PCR; Fall Seminar, 2004
- CAC: DNA Quantification: Using Quantifiler Kits and Real-Time PCR; Fall Seminar, 2003
- CAC: General Meeting; General Statistics Workshop; DNA Users Group; Spring Seminar, 2003
- CAC: General Meeting; DNA Users Group; Spring Seminar, 2003
- D1S80 Workshop by the Department of Justice, Berkeley, CA
- CAC: General Meeting; DNA Users Group; Fall Seminar, 1995
- CAC: General Meeting; DNA Users Group; Spring Seminar, 1995
- CAC: General Meeting; DNA Users Group; Fall Seminar, 1994
- CAC: General Meeting; DNA Users Group; Spring Seminar, 1994
- CAC: General Meeting; DNA Users Group; Fall Seminar, 1993

Occupational History

2019 – Assistant Laboratory Director, Technical Associates, Inc., Ventura, CA

2008 – Senior Forensic Scientist, Technical Associates, Inc., Ventura, CA.

- 2007- Laboratory Safety Officer, Technical Associates, Inc., Ventura, CA.
- 2006-2008 Forensic Scientist, Technical Associates, Inc., Ventura, CA.
- 2005-2005 Forensic Scientist, Technical Associates, Inc., Ventura, CA.
- 2003-2004 Forensic Scientist, Technical Associates, Inc., Ventura, CA.
- 1999-2002 Forensic Scientist, Technical Associates, Inc., Ventura, CA.
- 1993-1996 Forensic Scientist, Technical Associates, Inc., Altadena, CA.
- 1992-1993 Graduate Assistant, Department of Criminal Justice, CSULA, Los Angeles, CA.

Teaching Projects

Assist in teaching laboratory sessions and preparation of laboratory materials, CSULA, "Advanced Criminalistics: Forensic DNA Analysis, RFLP and PCR Technologies".

Professional Organizations

- 1999-2000 Forensic Science Society
- 1993-1996 California Association of Criminalists (CAC)

Publications and Presentations

- 2012 Challed-Spong, A.; Ventura College, Ventura CA, Forensics and DNA Analysis; November 2012.
- 1997 Taylor, M.S., A. Challed-Spong, E.A. Johnson, Ph.D.; "Co-Amplification of the Amelogenin and HLA DQ-Alpha Genes: Optimization and Validation"; J. of Forensic Sciences, January 1997.
- 1994 Taylor, M.S., A. Challed, E.A. Johnson, Ph.D.; 9 Oct 1994, Promega Meeting 1994 poster; "Co-Amplification of the Amelogenin Gene with DQ-Alpha Utilizing the AmpliType Reaction Mix and Amplification Process".
- 1994 Taylor, M.S., A. Challed, E.A. Johnson, Ph.D.; 12 May 1994; California Association of Criminalist (CAC), Spring 1994 Seminar; "Co-Amplification of the Amelogenin Gene with DQ-Alpha Utilizing the AmpliType Reaction Mix and Amplification Protocol".
- 1994 Taylor, M.S., A. Challed; 12 May 1994; CAC, Spring 1994 Seminar; "Tracking Down DNA Contamination in Reagents".

1993 Longhetti, A., Challed, A.; 18 February 1993; American Academy of Forensic Science 1993 Annual Meeting, Poster; "DNA Analysis: Policies and Procedures Currently Employed by Forensic Science Laboratories.