

Curriculum Vitae
Brianne Breedlove
Owner, Instructor, Fingerprint Witness & Consultant
Uncover Forensics, LLC

Updated: April, 2025

Employment History:

Job Title: Forensic Intern	Tenure: 10/2006 – 06/2007
Employer: San Diego County Sheriff’s Department Regional Crime Lab	
Description of principal duties: Latent print development, assist technicians with crime scene processing (including scenes, vehicles, autopsies)	

Job Title: Forensic Specialist	Tenure: 05/2009 – 09/2013
Employer: San Mateo County Sheriff’s Office Forensic Laboratory	
Description of principal duties: Latent print comparison, latent print development, crime scene processing (including scenes, vehicles, autopsies), court testimony	

Job Title: Evidence Specialist	Tenure: 09/2013 – 03/2022
Employer: Napa County Sheriff’s Department	
Description of principal duties: Latent print comparison, latent print development, crime scene processing (including scenes, vehicles, autopsies), court testimony	

Job Title: Owner, Consultant, & Instructor	Tenure: 09/2019 – present
Employer: Uncover Forensics, LLC	
Description of principal duties: Provide training to sworn and civilian employees of law enforcement agencies in forensically-related topics such as crime scene investigation, latent print examination, and court room testimony	

Professional Affiliations:

International Association for Identification (IAI): general member; (12/2010 – present)
California State Division of the International Association for Identification (CSDIAI): general member; (02/2011 – present)
California Friction Ridge Study Group: general member; (02/2014 – present)
<ul style="list-style-type: none"> ● ASB liaison to group
Northern California Forensic Study Group: general member; (10/2014 – present)

California Homicide Investigators Association (CHIA): general member; (01/2019 – present)

American Academy of Forensic Sciences Academy Standards Board (ASB), Friction Ridge Consensus Body: observing member (04/2019 - 09/2023), voting member (09/2023 - present), and California Friction Ridge Study group liaison; (04/2019 – present)

- Member of working group for *Best Practice Recommendations for Technical Review in Friction Ridge Examination* document (11/2020 – present)
- Member of working group for *Best Practice Recommendations for the Verification Component in Friction Ridge Examination* document (11/2020 – 01/2023)
- Member of working group for *Best Practice Recommendation for Analysis of Friction Ridge Impressions* document (07/2021 – present)
- Member of working group for *Best Practice Recommendation for Comparison and Evaluation of Friction Ridge Impressions* document (07/2021 – present)
- Member of working group for *Best Practice Recommendation for Testimony Monitoring in Friction Ridge Examination* document (07/2021 – present)
- Chair of working group for *Best Practice Recommendation for Limited Friction Ridge Examinations* (08/2022 - present)
- Chair of working group for *Standard for Proficiency Testing in Friction Ridge Examination* document (01/2023 - present)

Organization of Scientific Area Committees (OSAC), Friction Ridge Subcommittee: voting member (10/2023 - present)

- Member of task group for *OSAC Implementation* (10/2023 - present)
- Member of task group for *OSAC Technical Merit* document regarding *ASB Standard for Consultation During Friction Ridge Examination* document (10/2023 - present)

Lectures/Presentations Given:

Presenter of “Live Scan Discrepancy” webinar training lecture for the California Friction Ridge Study Group (08/2016)

Presenter of “AFIS Searching: The benefits of Using FBI in Addition to DOJ” training lecture for the Northern California Forensic Study Group (11/2018)

Presenter of “Live Scan Distortion” webinar training lecture for the California Friction Ridge Study Group (02/2019)

Presenter of “AFIS: Why to Search FBI in Addition to State” training lecture for the California State Division of the International Association for Identification Annual Educational Seminar (04/2019)

Presenter of “AFIS: How to Get More Hits” training lecture for the International Association for Identification Annual Educational Conference (08/2019)

Presenter of “Preparing for Friction Ridge Testimony” webinar training lecture for the California Friction Ridge Study Group (03/2021)

Presenter of “Preparing for Friction Ridge Testimony” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2021)

Presenter of “Complex Vehicle Examinations: a Case Study” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2021)

Presenter of “Resources for Friction Ridge Examiners” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2021)

Presenter of “Live Scan Distortion” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2021)

Presenter of “Preparing for Friction Ridge Testimony” webinar training lecture for the Louisiana Division of the International Association for Identification Annual Educational Conference (06/2021)

Presenter of “Preparing for Friction Ridge Testimony” training lecture for the International Association for Identification Annual Educational Conference (08/2021)

Presenter of “Recognizing Live Scan Distortion” webinar training lecture for the Florida Division of the International Association for Identification (04/2022)

Presenter of “Recognizing Live Scan Distortion” webinar training lecture for the Pacific Northwest Division of the International Association for Identification (05/2022)

Presenter of “OSAC & ASB - Roles and Differences” webinar training lecture for the California Friction Ridge Study Group (06/2022)

Presenter of “CV - What Is It, How to Build One, and How it is Used in Court” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2022)

Presenter of “OSAC & ASB - Roles and Differences” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2022)

Presenter of “CV - What Is It, How to Build One, and How it is Used in Court” training workshop for the Louisiana Division of the International Association for Identification Annual Educational Conference (06/2022)

Presenter of “OSAC & ASB - Roles and Differences” training lecture for the Louisiana Division of the International Association for Identification Annual Educational Conference (06/2022)

Presenter of “It’s All Greek to Me! - Explaining Scientific Concepts to the Jury with Confidence” training workshop with instructor Hillary Daluz, for the International Association for Identification Annual Educational Seminar (08/2022)

Presenter of “OSAC & ASB - Roles and Differences” training lecture for the Indiana Division of the International Association for Identification Annual Educational Conference (09/2022)

Presenter of “OSAC & ASB - Roles and Differences” training lecture for the International Association of Document Examiners Annual Interactive Seminar (10/2022)

Presenter of “Fingerprints and Documents - an Overlap of Evidence” training lecture for the International Association of Document Examiners Annual Interactive Seminar (10/2022)

Presenter of “Courtroom Testimony for Latent Print Examiners” training workshop for the Illinois Division of the International Association for Identification Annual Educational Conference (04/2023)

Presenter of “Live Scan Distortion” training lecture for the Illinois Division of the International Association for Identification Annual Educational Conference (04/2023)

Presenter of “Resources for Friction Ridge Examiners” training lecture for the Illinois Division of the International Association for Identification Annual Educational Conference (04/2023)

Presenter of “Standards in Forensic Science” training lecture for the California State Division of the International Association for Identification Annual Educational Seminar (05/2023)

Presenter of “Resources for Friction Ridge Examiners” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2023)

Presenter of “Standards in Forensic Science” training lecture for the Texas Division of the International Association for Identification Annual Educational Conference (06/2023)

Presenter of “Did AI Really Prove Fingerprints Are Not Unique?” training webinar lecture for Uncover Forensics (01/2024)

Presenter of “Did AI Really Prove Fingerprints Are Not Unique?” training webinar lecture for Uncover Forensics (03/2024)

Presenter of “Did AI Really Prove Fingerprints Are Not Unique?” training webinar lecture for California Friction Ridge Study Group (07/2024)

Presenter of “Did AI Really Prove Fingerprints Are Not Unique?” training lecture for the International Association for Identification Annual Educational Conference (08/2024)

Presenter of “Articulation & Conclusions in Friction Ridge Examination” training lecture for the Michigan State Police 15th AFIS Users Conference (11/2024)

Forensic Training Courses Provided:

Courtroom Testimony for the Latent Print Examiner – 4hr live webinar course
Dates given: 04/27/20, 05/21/20, 06/29/20

Quality Assurance Practices for Latent Examiners – 4hr live webinar course
Date given: 05/11/20

Courtroom Testimony for Friction Ridge Examiners – 16hr online, self-paced course
Dates of Operation: 11/09/20 – present (continuous)

Fingerprint Testimony, the Difficult Questions - 4hr live webinar course
Dates given: 05/21/24, 10/17/24

Private Training Courses Provided:

Defense Forensic Science Center: “Recognizing Live Scan Distortion” - 1hr webinar training (05/2022)

Michigan State Police: “Live Scan Distortion” and “Courtroom Testimony for Friction Ridge Examiners” - 4hr webinar training (09/2022)

Related Training Received:

10/15/06 – 02/15/07: Latent Print Development training with the San Diego County Sheriff’s Department, San Diego, CA (4 months)

07/23/07 – 07/27/07: Attended the IAI International Educational Conference in San Diego, CA

- 05/18/09 – 08/12/11: Latent print comparison training, latent print development training, and crime scene training with the San Mateo County Sheriff's Office Forensic Laboratory, San Mateo, CA (27 months)
- 07/01/09 – 07/02/09: Principles of Photography with Instructor Bruce Wiley, at the San Mateo County sheriff's Office Forensic Laboratory in San Mateo, CA (16 hours)
- 07/29/09 – 07/31/09: Courtroom Skills with Instructor Raymond Davis, at the San Mateo County Juvenile Hall in San Mateo, CA (24 hours)
- 08/23/10 – 08/27/10: Crime Scene Investigation I with Instructor Joe Rynearson, at the California Criminalistics Institute in Sacramento, CA (40 hours)
- 11/15/10 – 11/19/10: Advanced Latent Print Comparison and Identification with Instructor Mike Stapleton, at the Sacramento Regional Public Safety Training Center in Sacramento, CA (40 hours)
- 02/10/11: 'Fingerprints Forever' Visualizing Fingerprint Corrosion on Metals with Instructor Dr. John Bond, at San Jose State University in San Jose, CA (4 hours)
- 06/20/13 – 06/21/13: Analysis of Distortion in Latent Prints with Instructor Alice Maceo, at the San Mateo County Juvenile Hall in San Mateo, CA (16 hours)
- 02/11/14: Courtroom Testimony & Defense Attorney Tactics with Jose Marin, Dirk Manoukian, Steve Lynn, and George Driscoll, at the Napa City Council Chambers in Napa, Ca (4 hours)
- 09/22/14 – 09/23/14: ISO/IEC 17020 and Audit Preparation Workshop for Forensic Police Agencies with Instructor Frank Fitzpatrick, at the Santa Clara County Sheriff's Justice Training Center in Morgan Hill, CA (16 hours)
- 08/02/15 – 08/07/15: Attended the IAI International Educational Conference in Sacramento, CA
- 08/06/15: Distortion Analysis and Discussion Workshop with Instructor Sandy Siegel, at the IAI Conference in Sacramento, CA (2 hours)
- 08/07/15: Fingerprint Comparison-Is there Anything Wrong with the Probabilistic Approach Workshop with Instructor Aldo Mattei, IAI Conference in Sacramento, CA (2.5 hours)
- 09/02/15 – 09/03/15: Universal Latent Workstation (ULW) Software Workshop with Instructor Kim Bolyard, at the Sacramento Police Department Communications Training Center in Sacramento, CA (15 hours)
- 05/20/16 – 05/24/16: Shooting Reconstruction with Instructor Jan Johnson, at the Livermore Police Department in Livermore, CA (40 hours)
- 04/27/17 – 04/28/17: Understanding Exclusion and Sufficiency Decisions with Instructors John Black and Glenn Langenburg, at the Torrance Police Department in Torrance, CA (36 hours)
- 09/18/17 – 09/22/17: IAI Latent Print Certification Preparation Course with Instructor Debbie Benningfield, at the Santa Clara County Sheriff's Office Training Center in Morgan Hill, CA (40 hours)
- 08/20/18 – 08/24/18: Scientific Analysis; from the Laboratory to the Witness Stand with Instructor Michele Triplett, at the Alameda County Sheriff's Office in Dublin, CA (40 hours)

01/10/19 – 01/11/19: Analysis of Distortion in Latent Prints with Instructor Alice White, at the Napa County Sheriff’s Office in Napa, CA (16 hours)
03/11/19 – 03/15/19: Essential Quality Practices for Latent Print Examiners with Instructor Deborah Smith, at the Santa Cruz County Sheriff’s Office in Santa Cruz, CA (40 hours)
04/15/19 – 04/19/19: Attended the CSDIAI Educational Seminar in Burlingame, CA
08/11/19 – 08/17/19: Attended the IAI International Educational Conference in Reno, NV
09/10/20: How to Prepare for a Daubert Hearing with Instructor Glenn Langenburg; webinar course (4 hours)
12/01/20: Discriminating Power of Friction Ridge Arrangements with Instructor Alice White; webinar course (4 hours)
01/12/21: Beyond the Discriminating Power of Friction Ridge Arrangements – Applying What You Learned with Instructor Glenn Langenburg; webinar course (4 hours)
04/12/21 – 04/16/21: Attended the CSDIAI Educational Seminar (virtual event)
01/24/22 – 01/28/22: Essential Ridgeology Concepts with Instructor John Black in Sacramento, CA (40 hours)
04/17/24: Limits of Uniqueness with Instructor Alice White; webinar course (4 hours)
06/20/24: The Trouble with Exclusions with Instructor Alice White; webinar course (4 hours)
08/10/24 – 08/16/24: Attended the IAI International Educational Conference in Reno, NV

Disciplines in which qualified to do casework:

Latent Print Comparison (including ABIS searching)
Latent Print Processing

Courtroom Experience (disciplines and frequency of expert witness testimony):

Latent Print Comparison: May, 2009 – present, 10 times as an expert witness (3 in San Mateo County Courts, 1 in San Francisco Federal Court, 6 in Napa County Courts); 1 time not introduced by attorney as an expert (Napa County Courts)*

- April 5th, 2023; Napa County Courts, People v. Christopher Young, 20CR001796

Crime Scene Investigation: March, 2013 – present, 7 times as an expert witness (3 in San Mateo County Courts, 2 in Sonoma County Courts, 3 in Napa County Courts); 1 time not introduced by attorney as an expert (San Mateo County Courts)*

- April 5th, 2023; Napa County Courts, People v. Christopher Young, 20CR001796

* Note: Federal Rule of Criminal Procedure Rule 16 was amended in December, 2022 to include a requirement of a listing specifics (e.g. court number, involved parties) of all cases in which a witness has testified as an expert for the past four years. Prior to this amendment, testimony experience was tracked only by the quantity of appearances in court and therefore additional details are unavailable.

Research & Publications:

Research team member for “Verification Practices of the Friction Ridge Community” Survey, with Carey Hall and Nicole Praska (12/2019 – present)

“History of the Use of Friction Ridge Impressions,” *The Encyclopedia of Forensic Sciences, Third Edition*, vol. 3, pp. 187-198, Elsevier.

Formal Education:

Institution	Dates Attended	Major	Degree Completed
University of California, Los Angeles	09/1997 – 01/1999	Chemistry	(Not completed)
Grossmont College	01/2005 – 08/2007	Forensic Technology (2 years of forensic training, 2 years of general education)	A.S. in Forensic Technology, Certificate of Achievement in Forensic Technology

Other Qualifications:

Semi-annual presenter at Pacific Union College on the topic of forensic science as part of a Careers in Science Seminar (02/2014 – 03/2022)

Presenter of training on best practices for crime scene processing, evidence collection, fingerprint development, and DNA swabbing to all Deputies within employing agency (07/2015 – 03/2023)

Guest speaker at Solano Community College for courses “Introduction to Criminal Justice” (10/2018) and “Criminal Investigation” (10/2018 and 04/2019)