

Laurie A. Hoeltzel, PhD

Forensic Document Examiner
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www.ArizonaHandwritingExpert.com

www.CaliforniaHandwritingExpert.com

www.FloridaHandwritingExpert.com

www.HoustonHandwritingExpert.com

www.DenverHandwritingExpert.com

Curriculum Vitae

Laurie Hoeltzel, is a court qualified [Forensic Document Examiner](#), who has studied handwriting examination and apprenticed under some of the leading court-qualified Forensic Document Experts in the U.S.A.

Laurie offers a verbal and/or written court qualified opinions: Authenticating a signature/document and Disputed documents or signatures on: wills, checks, contracts, deeds, account ledgers, mortgages, loans, notary disputes and medical records. Investigation and analysis for: questioned signatures, suspect documents, forgeries, identity theft, robo-signing, anonymous letters, bond authentication, alterations, obliterations, erasures, typewritten documents, altered medical records, graffiti, handwritten numbers, suicide notes and computerized and handwritten documents to name a few.

Education:

Laurie spent 11 years serving her country in the [United States Air Force](#) including three tours of duty in Iraq.

Capella University, Minneapolis, MN: Bachelor of Science in Business- Summa Cum Laude

Beurin University- Los Angeles, CA – Psychoneurology Doctoral-Candidate

4-year part-time Forensic Document Examination Apprentice under Curt Baggett-Completed Verbal, Written, Practical examinations in Document Examination and Certifications.

2004 School of Forensic Document Examination

Examination of Anonymous Writing by Reed Hayes, QDE
Document Examination Terminology by Don Lehew, QDE
Notary Public by Don Lehew, QDE
Advanced Forgery Identification by Don Lehew, QDE

2006 School of Forensic Document Examination Annual Conference, Dallas, Texas

Attended the following lectures, in addition to general sessions:
Deposition and Cross Examinations by Dr. Richard Frazier, QDE
Medical Problems Affecting handwriting by Dr. Richard Frazier, QDE
Legal Issues for Document Examiners by Dr. Richard Frazier, QDE
Deposition and Cross Examinations by Dr. Richard Frazier, QDE
Health Factors Affecting Handwriting by Dr. Joe Alexander, QDE
Prescription Forgery and Medical Crimes by Diane King
Lecturer-Curt Baggett
Kathy Kopenhaver

2007 School of Forensic Document Examination Teleclasses

Curt Baggett Instructor - Handwriting Basics and Exemplars
Curt Baggett Instructor - Multiple Classes on Case Studies and Examinations
Dr. Joe Alexander Instructor

2008 School of Forensic Document Examination Annual Conference Las Vegas, Nevada

Bart Baggett- Trainer and Instructor
Curt Baggett-Trainer and Instructor

2009 School of Forensic Document Examination Annual Conference, Las Vegas, Nevada

Critical Incident Stress: Statement Analysis and Interview v. Interrogation by Faith Wood
Forensic Document Examination Application by Robert Baier, QDE, Police Instructor
Introduction to Forensic Document Examination-Curt Baggett & Laurie Hoeltzel

2012 American Institute of Applied Science-Home Study Course Lessons 1-3.

History, mechanism, Factors, Exemplars & Standards

Capitals, Numerals, and Special Marks
System, Movements, Muscular Habits & Skills

2012 American Institute of Applied Science-Home Study Course Lessons 4-5
Analysis Charts, Form, Cases Worked Out
Practical Examples Worked Out In Detail

2013 American Institute of Applied Science-Home Study Course Lessons 6-7

2014 Arapaho County, Littleton, CO. Teaching Identification of Signatures to the Voter
Registration Agencies, Typewriting History, Class Characteristics, Identifying Factors
Analysis of Typewritten Material and Practical Examples

2015 National Forensic Science Technology Center's Simplified Guide to Forensic Document
Examination-Home Study Course I

2016 American Institute of Applied Science-Home Study Course Lessons 1-3.
History, mechanism, Factors, Exemplars & Standards
Capitals, Numerals, and Special Marks
System, Movements, Muscular Habits & Skills

2018 University of Wroclaw, Poland 18th Symposium of Questioned Document Examinations in
Wroclaw-Innovative Solutions-Contemporary Trends in questioned document examination

2020 True The Vote- Created Training Program-Instructor and Presenter- How to easily Identify
Similarities & Differences in signatures- Signature Verification for voter ballots.

2021 IADE Seminar and Workshop-Principles in Handwriting Identification-Kathie
Kopenhagen

Illegible Signatures and Relevance of Movement-Beverly East, MGA, CAM, CFDE

A Guide to Authenticating Digital Documents-Darren Hayes, PhD

Identifying False Knowns Hidden in Plain Sight-Sharon R. Hampton

Authenticating Signatures in PDF Documents-Doug Carner

Beyond Handwriting: Erich Speckin & Anthony Milone

Instructional Graphics for Document Examiners-Brenda Anderson

Ink Testing with Infrared and Fluorescent-Brett Goldstein

How to Qualify an Expert Witness-Bruce D. Burk

2021 Experts.com – How Experts Can Persuade with Clarity- Mitch Jackson, Esq.

Past and Present Memberships:

IADE-International Association of Document Examiners

National Questioned Document Association

FEWA-Forensic Expert Witness Association

ALM Experts
Veterans of Foreign Wars
American Legion
California Police Association
Florida Police Association

Further Qualifications:

I have reviewed numerous signatures and handwritings, examined case documents and rendered an opinion on cases in Arizona, Alabama, California, Colorado, Delaware, Florida, Georgia, Indiana, Iowa, Illinois, Kansas, Kentucky, Louisiana, Michigan, Maryland, Missouri, Nevada, New Jersey, New Mexico, New York, North Carolina, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia Wisconsin, Washington, Washington D.C., Montreal, Quebec, Canada and Freeport, Bahamas, Nassau, Bahamas, Bermuda.

Laboratory Equipment used for examination:

Laurie Hoeltzel's laboratory equipment, such as: Forinst MS-IR-UV Instrument, LCD Digital Microscope SkyBasic 4.3 inch, 10x – 400x twin/digital microscope; HP flat bed scanner; light table; SVP Digital Mobile Magnifier Microscope 500x, numerous magnifying devices; Canon SD700 digital camera; Canon Powershot S2; protractor and metric measuring devices; powerpoint; photoshop program and transparencies.

Specific Areas of Training:

Handwriting Identification and Discrimination, Signature Comparison, Techniques for Distinguishing Forged Signatures, Disguised Handwriting, Altered Numbers, Alteration of Documents, Anonymous Writing, Comparison of Writing, Variability of Handwriting, Factors that Affect Writing

Library:

Numerous forensic document examination books and other handwriting reference materials:

To include but not limited to:

The Expert Witness Handbook by Dan Poynter

Document Examiner Textbook by Jess E. Dines

Questioned Documents by Albert S. Osborn

Handwriting Identification: Facts and Fundamentals by Roy A. Huber & A. M. Headrick

Scientific Examination of Questioned Documents by Kelly and Lindblom- (2nd Edition by Hilton)

Forensic Document Examination-For Legal Professional A Science-Based Approach by Michael Wakshull, MS, CQE