

CURRICULUM VITAE

Farrell C. Shiver **Forensic Document Examiner**

Education:

- Master of Science, Troy State University, Alabama; Criminal Justice, 1983
- Bachelor of Science, Jacksonville State University, Alabama; Law Enforcement, 1976

Professional Certification:

American Board of Forensic Document Examiners (ABFDE), certified by testing

Professional Affiliations:

- American Society of Questioned Document Examiners (ASQDE), Member
- American Academy of Forensic Sciences (AAFS), Questioned Document Section, Member
- Southeastern Association of Forensic Document Examiners (SAFDE), Member
- Committee E30 on Forensic Sciences and the Questioned Documents Subcommittee, ASTM International, Member

Current Positions of Professional Contribution:

- President, American Society of Questioned Document Examiners
- Ethics Committee, American Society of Questioned Document Examiners
- Participant, Collaborative Testing Services Proficiency Testing Program

Previous Positions of Professional Contribution:

- Vice President, Treasurer, and a Director of the ASQDE
- Editor, Journal of the American Society of Questioned Document Examiners
- Chairman of the Finance Committee and the Strategic Planning Committee, Member of the Evaluation and Examination Committee and the Journal Committee, ASQDE
- Chairman, Scientific Working Group for Forensic Document Examination (SWGDOC) Subcommittee on Standard Operating Procedures and Terminology
- Member, Executive Committee, SWGDOC
- Editor, SAFDE Newsletter and Chairman of the SAFDE Awards Committee

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- Member, ABFDE Strategic Planning Committee

Professional Experience:

Since 1999, a Forensic Document Examiner in private practice in Woodstock, Georgia, a suburb of Atlanta. Clientele includes attorneys, investigators, corporations, government agencies, and private individuals.

Retired as a Forensic Document Examiner in the United States Army Criminal Investigation Laboratory, Fort Gillem, Georgia. Held positions as Chief of the Questioned Documents Division, as well as Training Officer and Quality Assurance Officer in the Questioned Document Division.

Completed examinations of more than 100,000 items of documentary evidence in over 2200 civil and criminal cases.

Provided sworn testimony as an expert witness in the field of Forensic Document Examination on more than 100 occasions in federal, state, and military courts, administrative hearings, and depositions.

Qualification Training:

Graduate of the U.S. Army's Forensic Document Examination Course (1989-1991). This is a two-year resident training program designed to prepare the graduate to serve as an expert witness in the areas of handwriting and hand printing comparison, typewriting, computer printed documents, machine copies, decipherment of altered, obliterated and charred documents, laboratory examinations of inks and paper, decipherment of erased entries and indented writings, detection of counterfeit currency, examination of commercially printed matter and the use of related instrumentation.

Instructional Experience:

Former Training Officer, Questioned Documents Division, U. S. Army Criminal Investigation Laboratory. Responsible for administering the laboratory's two-year course of instruction in forensic document examination. Lectured on numerous occasions on the subject of forensic document examination to groups of investigators, attorneys, and students from federal, state, military, and private organizations.

Additional Training Courses, Seminars, and Conferences:

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- Annual conferences of the American Society of Questioned Document Examiners (ASQDE), American Academy of Forensic Sciences (AAFS), Southeastern Association of Forensic Document Examiners (SAFDE), and International Association for Identification, Georgia State Division.
- Federal Bureau of Investigation (FBI) - Advanced Techniques of Document Examination for Laboratory Personnel - Typewriters and Other Printing Devices
- FBI - Fundamentals of Document Examination for Laboratory Personnel
- U.S. Secret Service Questioned Document Course
- American Board of Forensic Document Examiners (ABFDE) - Examination Techniques in Handwriting and Rubber Stamp Cases Workshop
- Second International Symposium on the Forensic Examination of Questioned Documents
- Rochester Institute of Technology - Orientation to the Graphic Arts
- Mead Corporation - Paper Knowledge Course
- ABFDE - Canon Photocopier, Facsimile, and Microfilm Training Workshop
- ABFDE - Business Records Workshop
- ASQDE - Fine and Subtle Features of Handwriting Workshop
- ASQDE - Photocopier Identification Workshop
- ASQDE - Difficult Handwriting Problems Workshop
- ASQDE - Typewriter Classification and Identification Workshop
- ASQDE - Laser Printer Workshop
- ASQDE - Miscellaneous Document Examination Workshop
- ASQDE - Typography Workshop
- ASQDE & AAFS - Various Signature and Handwriting Workshops
- AAFS - Fraudulent Documents: Their Recognition Workshop
- AAFS - Fraudulent Documents: Their Deterrence Workshop
- AAFS - Digital Forensic Photography
- AAFS - Practical Digital Photography Workshop
- SAFDE - The Examination of Photocopied Signatures; Distinguishing Between Line Quality and Ink Line Morphology Workshop
- SAFDE - The Use of the Haas Atlas CD Compilation Workshop
- SAFDE - Rubber Stamp Plant Tour and Workshop
- SAFDE - Typewriter Identification Workshop
- SAFDE - Signature Workshop
- SAFDE - Difficult Handwriting Workshop
- SAFDE - Fine and Subtle Elements of Handwriting Workshop

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- SAFDE - Forensic Examinations of Typographic Documents Workshop
- SAFDE - Examining Documents throughout the Spectrum Workshop
- SAFDE - Production of Genuine Security Documents & the Detection of Counterfeit Documents Workshop
- SAFDE - Disguised Handwriting: An Interactive Workshop
- Association of the Pulp and Paper Industry - Papermaking: The Process and the Product
- Canon Corporation - Photocopier Workshop for Law Enforcement
- Canon Corporation - NP4835 Photocopier Technician's Course
- Canon Corporation - Facsimile Machine Workshop
- Image Enhancement Applications Training
- Imaging and Forensics: New Technologies Workshop
- Bar Code Basics Seminar
- Illinois State Police Laboratory - Fracture Match Workshop
- Tours of U.S. Bureau of Engraving and Printing, paper mills, check printing and rubber-stamp producing facilities.

Laboratory Capabilities:

- Microscopy and Photomicrography
- Video Spectral Comparison (Non-destructive testing of inks for infrared reflectance and luminescence) with the VSC4c
- Electrostatic Document Imaging (Detection of writing impressions and invisible writing images) with the ESDA²
- Color Computer Imaging and Enhancement

Related Employment:

Nov 1999 through Present – Forensic Document Examiner, Shiver & Nelson Document Investigation Laboratory, Inc., Woodstock, GA.

Mar 1991 through Nov 1999 – Forensic Document Examiner (and Special Agent), United States Army Criminal Investigation Laboratory, Fort Gillem, GA

Mar 1989 through Mar 1991 – Student Forensic Document Examiner, (and Special Agent), United States Army Criminal Investigation Laboratory, Fort Gillem, GA.

Mar 1986 through Mar 1989 – Special Agent, U.S. Army CID, Wuerzburg, Germany,

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with duties as an investigative team chief.

Oct 1983 through Mar 1986 – Special Agent, U.S. Army CID, Fort Ord, CA, with duties as an investigative team chief.

Apr 1981 through Oct 1983 – Special Agent, U.S. Army CID, Fort Benning, GA, with duties as a criminal investigator.

Publications and Presentations:

Scientific Examination of Questioned Documents, 2nd Edition, CRC Press, 2006. Chapter 26, “Accidental Markings and Indented Writings on a Document.” Revised chapter previously written by Ordway Hilton.

Nondestructive Differentiation of Full-Color Photocopies, presented at the 1991 conference of the American Academy of Forensic Sciences and published by the Journal of Forensic Sciences, January 1991 (co-author).

Dry Transfer Lettering and the Anonymous Note, presented at the 1991 conference of the American Society of Questioned Document Examiners (co-author). Published in *Indagaciones Documentales*, Ediciones La Roca, Buenos Aires, Argentina, 2008 (Spanish language book).

Starzecpyzel Rationale Used to Decide U.S. v. Ruth, published by the ABFDE News, October 1995 (co-author).

An Examination of Dry Transfer Lettering as it Related to the Case of an Anonymous Letter, presented at the 1989 conference of the Southeastern Association of Forensic Document Examiners.

Chemical Enhancement of Faint NCR Paper Writing Images, presented at the 1990 conference of the American Society of Questioned Document Examiners and the 1990 conference of the Southeastern Association of Forensic Document Examiners.

Off-set Marks and Printing Ink Smears, How Reliable in the Identification of a Photocopy to an Original Document? presented at the 1991 conference of the Southeastern Association of Forensic Document Examiners.

NCR Paper, Damage Detection Agent and the Latent Print Examiner, presented at the 1991 conference of the Georgia State Division of the International Association for

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Identification.

Questioned Document Training in the U.S. Army Criminal Investigation Laboratory, presented at the 1992 conference of the American Academy of Forensic Sciences.

Was the Second Page Inserted? presented at the 1992 conference of the Southeastern Association of Forensic Document Examiners.

Additional Applications for Damage Detection Agent for CB Coatings, presented at the 1992 conference of the American Society of Questioned Document Examiners.

RAW O? How to Construct an Inexpensive Device to Assist in the Reading of Typewriter Ribbons, presented at the 1993 conference of the Southeastern Association of Forensic Document Examiners.

Subject A or Subject B? presented at the 1994 conference of the Southeastern Association of Forensic Document Examiners.

Photocopier Identification: Discussion of a Problem Associated with Multi-Generation Photocopies, presented at the 1994 conference of the American Society of Questioned Document Examiners.

A Guide for Civilian Document Examiners Testifying in Courts-Martial, presented at the 1995 conference of the American Academy of Forensic Sciences.

The New Military Identification Card, presented at the 1995 conference of the Southeastern Association of Forensic Document Examiners.

Case Report: The Value of Field Assistance to the Investigator in a Counterfeit Check Case, presented at the 1996 conference of the Southeastern Association of Forensic Document Examiners.

Case Report: The Individuality of Handwriting Demonstrated through the Field Screening of 1000 Writers, presented at the 1996 conference of the American Society of Questioned Document Examiners.

The "Expert" Critic, presented at the 1997 conference of the American Society of Questioned Document Examiners.

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Examination of the Postal Identification Tag, presented at the 1998 conference of the Southeastern Association of Forensic Document Examiners.

A Comparison of the FontFinder and FontExpert Typeface Recognition Programs, presented at the 1999 conference of the Southeastern Association of Forensic Document Examiners.

Risograph Revisited, presented at the 2000 conference of the Southeastern Association of Forensic Document Examiners.

What's the Difference? presented at the 2001 conferences of the American Society of Questioned Document Examiners and the Southeastern Association of Forensic Document Examiners.

Forensic Document Examination in Medical Malpractice Cases, presented at the Medical Malpractice Institute, Sea Island, GA, November 16, 2001.

Secondary Impressions from Mailing Envelopes, presented at the 2002 conference of the American Academy of Forensic Sciences.

Daubert in the SAFDE States, presented at the 2003 conference of the Southeastern Association of Forensic Document Examiners.

Daubert in the State Courts, presented at the 2003 conference of the American Society of Questioned Document Examiners.

The Electrostatic Decipherment of a Liquid-Damaged Ink Entry, presented at the 2004 conference of the Southeastern Association of Forensic Document Examiners.

Daubert in the SAFDE States - 1st Update, presented at the 2004 conference of the Southeastern Association of Forensic Document Examiners.

A Comparison of the ESDA² to the ESDA: Including an Evaluation of the Toner Application Device (TAD) Method vs. Cascade Development Method, presented at the 2005 conference of the Southeastern Association of Forensic Document Examiners.

The Forensic Examination of Documents Produced by Computer Printers, Facsimile Machines, and Photocopiers, presented at the 2006 CyberCrime Summit at Kennesaw State University, GA.

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Daubert in the SAFDE States - 2nd Update, presented at the 2006 conference of the Southeastern Association of Forensic Document Examiners.

Paper Basis Weight and the Creation of Secondary Impressions, presented at the 2007 conference of the Southeastern Association of Forensic Document Examiners.

A Current Look at the Pitfalls in the Use of Ultraviolet Examination to Differentiate between Writing Papers, presented at the 2007 conference of the Southeastern Association of Forensic Document Examiners.