

CURRICULUM VITAE

Professional Experience

Forensic Document Examination Services 2008 to Present

Private Examiner, Forensic Document Examination Services

U.S. Department of Homeland Security (DHS) 1998 to Present

U.S. Immigration and Customs Enforcement (ICE)

Forensic Laboratory (FL)

(Formerly U.S. Immigration and Naturalization Service (INS))

The FL has been accredited by the American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD/LAB) since 2001.

U.S. Department of the Treasury 1988 to 1998

U.S. Secret Service (USSS)

Forensic Services Division and Counterfeit Division

Forensic Document Examiner, 1991 - present

At the USSS, I conducted examinations of U.S. monetary obligations and I conducted examinations of written threats directed at all personnel under USSS protection. At the FL, I conduct examinations of domestic and international travel and identification documents to determine authenticity and reveal alterations. Examinations include but are not limited to microscopic, instrumental and comparative analysis of handwriting, typewriting, printing processes and stamp impressions. I prepare written laboratory reports and provide testimony upon request. I serve as a mentor for apprentice examiners by providing on the job training regarding casework examinations and by participating in expert panels for question and answer training sessions and mock trials. I have also provided instruction and training to law enforcement and other officials encompassing various components of questioned document examination.

Apprentice Forensic Document Examiner, February 1988 to February 1991

Completed a three-year resident training program in the forensic science of questioned document examination at the US Secret Service, Forensic Services Division Laboratory.

Education

Master of Forensic Sciences, 1988

The George Washington University, Washington, DC

Bachelor of Arts/Psychology, 1981

The University of Maryland, College Park, MD

Certifications

Certified as a Forensic Document Examiner by the American Board of Forensic Document Examiners, Inc. (ABFDE), 2002 to present

(Prior to the establishment of the ABFDE in 1977, the need to identify qualified forensic scientists capable of providing essential professional services was long recognized. Within its mandate, the ABFDE provides a program of certification in forensic document examination with the dual purpose of serving the public interest and promoting the advancement of forensic science. In purpose, function and organization, therefore, the ABFDE is analogous to the certifying boards in other scientific fields. The ABFDE is recognized by, and was originally sponsored by, the American Academy of Forensic Sciences.)

Successful completion of annual proficiency testing in the forensic disciplines of Questioned Documents and Handwriting Examination, Collaborative Testing Services, Sterling, VA 2000 to present

Testimony

Accepted as an expert witness in forensic document examination in U.S. Federal District Courts, U.S. Immigration Courts, and various State and County courts.

Attendance at Professional Meetings

NIST, Measurements, Science and Standards in Forensic Handwriting Analysis Conference, Gaithersburg, MD (2013)

American Society of Questioned Document Examiners

- Dearborn, MI (2009)
- Baltimore, MD (2003)
- San Diego, CA (2002)
- Lake Buena Vista, FL (1991)
- Crystal City, VA (1989)

American Academy of Forensic Sciences

- Denver, CO (2009)
- Washington, DC (2008)

Southwestern Association of Forensic Document Examiners, Las Vegas, NV (1999)

Diamond Research Corporation, Toner and Photoreceptor Annual Conference and Tutorial, Santa Barbara, CA (1994)

MasterCard International, Inc., Credit Card Technology Conference, Washington, DC (1988)

Mid-Atlantic Association of Forensic Scientists, Federicksburg, VA (1990)

MasterCard International, Inc., Credit Card Technology Conference, Washington, DC (1988)

Specialized Training

- Hyperspectral Imaging Workshop, Library of Congress, Washington, DC (2013)
- Tour of Appleton, Inc. Paper Mill, security paper manufacturing facility, Roaring Spring, PA (2012)
- “Assessor/Auditor Training Course,” ASCLD/LAB International, Denver, CO (2010)
- Tour of production facility for autopens, Damilic Corporation Autopen, Rockville, MD (2010)
- “Laboratory Preparation Course,” ASCLD/LAB International, Vienna, VA, (2010)
- “ESDA Sequencing Workshop,” ASQDE, Dearborn, MI (2009)
- “Homogenous Handwriting Workshop”, Marie Durina, Dearborn, MI (2009)
- “Business Records Examinations Workshop,” ABFDE, Asheville, NC (2008)
- “Authentications and Simulations Workshop,” ABFDE, Las Vegas, NV (2007)
- “Disguised Handwriting Workshop,” LaTrobe University, SAFDE, Atlanta, GA (2006)
- Tour of production facility for AXALTO smart cards, a Schlumberger company, Owings Mill, MD (2003)
- “Paper Knowledge Field Seminar,” MeadWestvaco, Washington, DC (2003)
- “Overview of Digital Printing Technologies,” Annette Jaffe Consulting, Washington, DC (2002)
- Tour of production facility for genuine U.S. passports, U.S. Government Printing Office, Washington, DC (2002)
- Observation of U.S. Immigration & Naturalization Service asylum applicant interviews, Rosslyn, VA Asylum Office (2001)
- “U.S. Identity Documents Workshop,” U.S. Immigration & Naturalization Service, Forensic Document Laboratory, McLean, VA (2001)
- Tour of rubber stamp making facility, Baumgarten Corporate Headquarters, Manufacturer of Wet and Dry Seals, Laurel, MD (2001)
- Tour of security printing facility, Portals Ltd./De La Rue Security Print, Dulles, VA (2000)
- “Typewriter Examination and Classification Workshop, Dr. Phillip Bouffard, SAFDE, Las Vegas, NV (1999)
- Tour of manufacturing facility for genuine U.S. Visas, Banknote Corporation of America, Inc., Greensboro, NC (1999)
- “The Future of Banknote Substrates and Security Devices Workshop,” International Counter Measures Association, McLean, VA (1998)
- “Digital Photography,” Rochester Institute of Technology, Rochester, NY (1997)
- Tour of manufacturing facility for genuine U.S. Treasury checks, Banknote Corporation of America, Inc., Greensboro, NC (1997)
- Tour of minting facility for genuine U.S. coins, U.S. Mint, Denver, CO (1997)
- “Detection of Counterfeit & Altered Coins,” American Numismatic Association, Colorado Springs, CO (1997)
- “Pulp and Paper Technology for Non-technical People,” Institute of Paper Science and Technology, Atlanta, GA (1996)

- Tour of minting facility for genuine U.S. coins, U.S. Mint, Philadelphia, PA (1996)
- “Etching and Intaglio Printing,” The Art League School, Alexandria, VA (1996)
- Tour of manufacturing facility for genuine U.S. Treasury checks, American Bank Note Company, Bedford Park, IL (1995)
- Tour of security printing facility, Dittler Brothers Security Printers, Oakwood, GA (1993)
- “Serial Number Decoding of Color Copiers Workshop,” Canon USA, Lake Success, NY (1993)
- Tour of security thread manufacturing facility for genuine U.S. currency, Technical Graphics, Inc., Milford, NH (1993)
- Tour of ink manufacturing facility for genuine U.S. currency, SICPA Security Inks, Springfield, VA (1992)
- Class “Electronic Imaging,” Graphic Arts Technical Foundation, Pittsburgh, PA (1992)
- “Graphics Arts Photography,” Montgomery College, Rockville, MD (1992)
- “Principles of Lithography,” Montgomery College, Rockville, MD (1991)
- “Offset Lithography Printing Workshop,” Counterfeit Division, U.S. Secret Service, Washington, DC (1991)
- “Advances and Challenges in Electronic Printer Quality Workshop,” BIS Strategic Decisions, San Jose, CA (1991)
- “Expert Testimony Workshop,” Mid-Atlantic Association of Forensic Scientists, Hagerstown, MD (1991)
- “Fundamentals of Typewriter Examination for Laboratory Personnel,” Federal Bureau of Investigation Academy, Quantico, VA (1990)
- Tour of ink manufacturing facility, Capital Ink Company, Washington, DC (1990)
- Tour of paper manufacturing facility for genuine U.S. currency, Crane Paper Company, Dalton, MA (1990)
- “Fundamentals of Document Examination for Laboratory Personnel,” Federal Bureau of Investigation Academy, Quantico, VA (1989)
- Tours of forensic laboratories, Royal Canadian Mounted Police, Ottawa and Quebec, Canada (1989)
- Tour of engraving and printing facility for foreign genuine currencies, British American Bank Note Inc., Ottawa, Canada (1989)
- “Printing Techniques for Questioned Document Examiners,” Rochester Institute of Technology, Rochester, NY (1989)
- “U.S. Secret Service Questioned Document School,” Federal Law Enforcement Training Center, Glynco, GA (1988)
- Tour of paper manufacturing facility, Glatfelder’s Paper Mill, Spring Grove, PA (1988)
- “Counterfeiting Techniques Workshop” Counterfeit Division, U.S. Secret Service, Washington, DC (1988)
- Tour of the United States currency engraving and printing facility, U.S. Bureau of Engraving & Printing, Washington, DC (1988)
- Tour of credit card manufacturing facility, Malco Plastics Company, Baltimore, MD (1988)

Presentations and Instruction

Instructor, “Forensic Document Examination and Detection of Security Features in US Travel Documents,” sponsored by the Office of American Studies, Inter-American Committee Against Terrorism (OAS-CICTE) for Mexican government forensic document examiners and prosecutors, Mexico City, Mexico (2008)

Instructor, “Using Demonstrative Evidence in Conjunction with Expert Testimony,” sponsored by the US Department of Justice, International Criminal Investigative Training Assistance Program (ICITAP) for Colombian government forensic document examiners and prosecutors, Bogota, Colombia (2007)

Instructor, “Detection of Counterfeit US Banknotes and Introduction of Newly Incorporated Security Features into Genuine US Banknotes,” sponsored by the US Department of Treasury for:

- Federal Reserve Banks and Currency Technology Personnel (1993 through 1997)
- Foreign forensic document examiners, law enforcement officers, central and commercial bank employees, and US Embassy cash handlers:
 - Abidjan, Ivory Coast (1997)
 - Tallinn, Estonia (1996)
 - Lyon, France, INTERPOL (1996)
 - Paris, France (1996)
 - St. Kitts (1996)
 - St. Lucia (1996)
 - Bogota, Colombia (1996)
 - Budapest, Hungary (1996)
 - Warsaw, Poland (1996)
 - Bucharest, Romania (1996 and 1993)
 - Minsk, Belarus (1995)
 - Vienna, Austria (1995)
 - Bratislava, Slovakia (1995)
 - Prague, Czech Republic (1995)
 - Lisbon, Portugal (1995)
 - Madrid, Spain (1995)
 - Rome, Italy (1993)
 - Sofia, Bulgaria (1993)
 - Riga, Latvia (1993)
 - Vilnius, Lithuania (1993)

Professional Affiliations

American Board of Forensic Document Examiners, Inc. (ABFDE), Diplomate, 2002 to present; also served on the Board of Directors from 2005 to 2010, including serving as Vice President from 2007 to 2010

American Society for Testing and Materials (ASTM), E30/E30.02, Member, 2009 to 2014