

Todd W. Welch

Biographical Information & CV

Mr. Welch is a forensic document examiner with over 33 years of experience in the field of forensic science. He is one of the founding partners of “Riley, Welch, LaPorte and Associates Forensic Laboratories.” In addition to his work with Riley, Welch, LaPorte, Mr. Welch was employed full time with the Michigan Department of State Police as a Forensic Document Examiner and worked in that capacity for 25 years. During his tenure, he received additional training with the United States Secret Service (USSS) and Federal Bureau of Investigation (FBI). In 1987 he graduated Magna Cum Laude with a Bachelor of Arts degree in Criminal Justice from Saginaw Valley State College and was the recipient of the National Criminal Justice Honors Society Outstanding Graduate of the Year Award.

Mr. Welch was elected and served as the 40th President of the Midwestern Association of Forensic Scientists (MAFS) which is the largest and most active regional forensic science organization in the United States. He is likewise a member of numerous other professional organizations including the American Academy of Forensic Sciences (AAFS) Questioned Document Section, the Canadian Society of Forensic Science (CSFS), the International Association of Identification (IAI), the International Association of Special Investigation Units (IASIU), the American Society of Testing and Materials International (ASTM), and a former member of the American Society of Questioned Document Examiners (ASQDE).

As an advocate for forensic science, Mr. Welch was invited and served on the Main Committee of the Technical Working Group for Document Examiners (TWGDOC) from 1996 – 2000 which is now recognized as the Scientific Working Group for Forensic Document Examination (SWGDOC). This federal initiative which included/includes both private and governmental examiners was established to develop forensic document standards within the forensic science community.

In 2001, Mr. Welch received his certification as a Diplomat of the American Board of Forensic Document Examiners (ABFDE) which is the only certifying body sponsored by the American Society of Questioned Document Examiners, the Southwestern Association of Forensic Document Examiners, the Southeastern Association of Forensic Document Examiners, and the Canadian Society of Forensic Science. The ABFDE is also recognized by the American Academy of Forensic Sciences, the International Association for Identification, the Midwestern Association of Forensic Scientists, and the Mid-Atlantic Association of Forensic Scientists. *The ABFDE is the only certifying body that can claim such sponsorship and recognition both nationally and internationally.*

The Midwestern Association of Forensic Scientists (MAFS) honored Mr. Welch by presenting him with the “New Scientists Award” and “Distinguished Service Award.” He has presented and published papers on different forensic document topics. In addition, he has peer-reviewed publications in the International Journal of Forensic Document Examiners and was published in the Journal of the American Society of Questioned Document Examiners regarding the results of a 5 year research project on the individuality of paper tears with Ferris State University. In addition to his publications, he has also provided training to numerous law enforcement agencies over the last 30 years concerning all aspects of forensic document examination and has been a guest speaker on numerous occasions at Cooley Law School.

Mr. Welch has professionally served the forensic science community and has held numerous positions within the forensic document community. He was elected to the Board of Directors of the ASQDE and was also voted on to the Board of Directors of the ABFDE. In addition to these positions, he also served as a Committee Member on the National Institute of Justice (NIJ) Forensic Science Technology Working Group. He has likewise given talks nationally regarding all aspects of forensic document examination.

TODD W. WELCH

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Frankenmuth, MI. 48734
Telephone (517) 204-4289

Curriculum Vitae

Position: Specialist Sergeant, Michigan Department of State Police, Questioned Document Unit/Trace Evidence Unit, Bridgeport Crime Laboratory (Retired)

Owner and Vice President of Riley, Welch, LaPorte and Associates Forensic Laboratories, Inc., Frankenmuth, Michigan

Education: *Bachelor of Arts Degree* from Saginaw Valley State College, Saginaw, Michigan
Major - Criminal Justice, 1987
Minor – Sociology

Achievements:

Graduated with Honors: Magna Cum Laude
Alpha Phi Sigma – National Criminal Justice Honor Society
Recipient of the Outstanding Graduate of the Year Award
President's List: Fall 1985
Dean's List : Winter 1986, Winter 1987, Summer 1987

Professional Experience: **Michigan Department of State Police**, Bridgeport Laboratory,
Specialist Sergeant (3/2013 to 3/2018) *Retired – 2/28/2018

Michigan Department of State Police, Lansing Laboratory,
Specialist Sergeant (3/1993 to 3/2013)

Assigned to the Questioned Document / Trace Evidence Unit. Duties are to receive and examine documentary, footwear, and tire tread evidence, write reports regarding findings, and provide court testimony when necessary. Instructor in the field of Questioned Documents and Footwear and Tire Tread Impressions in State Police training programs. Speak to various groups regarding the field of Questioned Documents and Footwear/Tire Tread Impressions. Assist in training members of the Questioned Document Unit/Trace Evidence Unit. Conduct research in the field on various topics.

Specialized Training:

Completed the required three year Questioned Document training program and the two year Footwear/Tire Tread training program with the Michigan Department of State Police. In addition, the following training programs and workshops were also successfully completed:



Adobe Photoshop for FDE's With an Emphasis on EDD Imaging, by Lt. Mark Goff at the Southeastern Association of Forensic Document Examiners Meeting, Pensacola, FL. (16 hours)

Behind the Evidence: The impact of Vicarious Trauma in the Forensic Science Community, by Dr. Kate Seigfried-Spellar and Dr. Jessica Morel at the American Academy of Forensic Sciences, New Orleans, LA. 2026 (8 hours)

Ethics in Forensics: Turning Data Into Dialog, by Kevin P. Kulbacki and Anjali Randadive at the American Academy of Forensic Sciences, New Orleans, LA. 2026 (8 hours)

The Practical Application of Evaluative Reporting in Questioned Document Examination Focusing on Handwriting Examination, by Jonathan Jackson, Morris and Dr. Carlyne Bird at the American Society of Questioned Document Examiners Annual Meeting, Las Vegas, NV., 2025 (4 hours)

Be Wrong, Be Strong Workshop on Errors, by Dr. Carlyne Bird at the American Society of Questioned Document Examiners Annual Meeting, Las Vegas, NV., 2025 (4 hours)

Indentation / Visible Writing Sequencing Workshop, by Tobin Tanaka and Melanie Holt at the American Society of Questioned Document Examiners Annual Meeting, Las Vegas, NV., 2025 (4 hours)

Challenging Signatures Workshop, by Thomas W. Vastrick at the American Society of Questioned Document Examiners Annual Meeting, Las Vegas, NV., 2025 (4 hours)

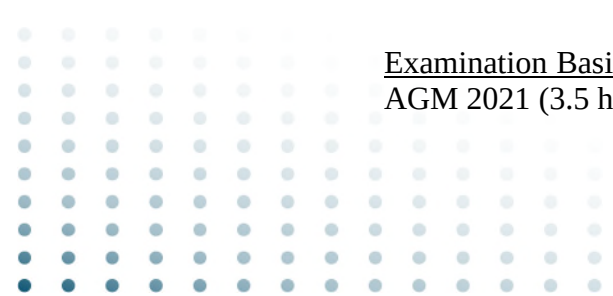
Identification and Collection of Questioned Document Evidence at Crime Scenes workshop by Lt. Mark Goff presented at the MAFS Meeting, Oak Brook, IL 2021 (8 hrs)

Accreditation perspectives - A look at who's looking at you workshop by Lt. Mark Goff presented at the MAFS Meeting, Oak Brook, IL 2021 (8 hrs)

Demonstrative Evidence in the Courtroom, An Evaluation and Discussion of Probative and Prejudicial Characteristics of Demonstrative Visual Aids, by Mara Merlino, Tobin Tanaka, Samiah Ibrahim, Moderated by Jonathan Jackson-Morris at the ASQDE Virtual AGM 2021 (3.5 hrs)

Pressure Training Calibration Workshop for Digitally Captured Signatures, by Nikolaos Kalantzis at the ASQDE Virtual AGM 2021 (3.5 hrs)

Examination Basics for Adobe PDF files, by Brent Ostrum at the ASQDE Virtual AGM 2021 (3.5 hours)



Overview of Digital Examination Techniques and Remote Case Review, by D/Lt. Mark Goff Michigan State Police at the ASQDE Virtual AGM 2020 (3.5 hrs)

Opinion Measurement Workshop, by Mara Merlino, Veronica Dahir, Charles Edwards, Samiah Ibrahim and Jonathan Jackson Morris at the ASQDE Virtual AGM 2020 (3.5 hrs)

Forensic Examination of Original and Copied Signatures, by Linton A. Mohammed at the Midwestern Association of Forensic Scientists Annual Meeting, Cincinnati, OH., 2017 (4 hours)

Forensic Science Research: How to Make Your Proposals Competitive, by Gerald LaPorte and Heather Waltke at the Midwestern Association of Forensic Scientists Annual Meeting, Cincinnati, OH., 2017 (4 hours)

Covert Communications and Concealment Techniques, by Peter Belcastro and Gregg Moczycki at the Midwestern Association of Forensic Scientists Annual Meeting, Cincinnati, OH., 2017 (4 hours)

Deciphering Complex Impressions with Adobe Photoshop, by D/Lt. Mark Goff at the Midwestern Association of Forensic Scientists Annual Meeting, Cincinnati, OH., 2017 (4 hours)

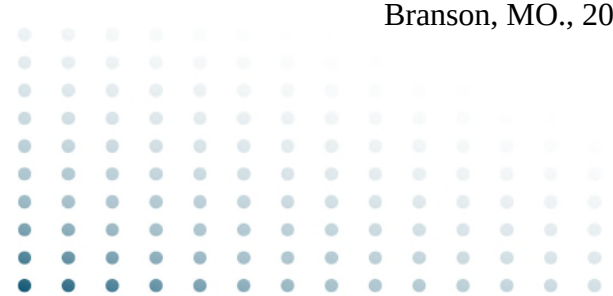
Preparing a Digital Signature File for Forensic Analysis, by Kathleen Annunziata Nicolaides and William Flynn at the American Society of Questioned Document Examiners Annual General Meeting, San Diego, CA., 2017 (8 hours)

Chinese Handwriting and Signatures Workshop: Hanzi through the Eyes of the Forensic Document Examiner, at the American Society of Questioned Document Examiners Annual General Meeting, San Diego, CA., 2017 (4 hours)

Write or Wrong? Bias, Decision-Making, and the Use of Contextual Information in Forensic Document Examination, Niki Osborne, Lloyd Cunningham, Jane Lewis, and William Thompson at the American Society of Questioned Document Examiners Annual General Meeting, San Diego, CA., 2017 (4 hours)

Forensic Science Research: Your Mission to Propose, Innovate, and Collaborate, by Gerald LaPorte, Heather Waltke, Lisa Hanson, and Melissa Taylor at the American Society of Questioned Document Examiners Annual General Meeting, San Diego, CA., 2017 (4 hours)

The Forensic Examination of Genuine, Disguised, and Simulated Signatures with an Introduction to the Kinematics of Handwriting Workshop, by Linton Mohammed at the Midwestern Association of Forensic Scientists Annual Meeting, Branson, MO., 2016 (8 hours)



Fundamentals of Printing/Graphic Arts Examinations Workshop, by Peter Belcastro and Gregg Mokrzycki at the Midwestern Association of Forensic Scientists Annual Meeting, Branson, MO. 2016 (8 hours)

Fracture Match Workshop, by Steve McKasson for the Midwestern Association of Forensic Scientists, Branson, MO., 2016 (8 hours)

Measuring the Frequency Occurrence of Handwriting and Hand Printing Characteristics, by Thomas Vastrick, Pensacola, FL. 2016 (8 hours)

Sequence of Entries Determination – New Approach to Additional Print, by Martina Lunakova and Petra Moraveova, Pensacola, FL. 2016 (4 hours)

The Examination and Identification of Comprised Security and Identity Documents, by Foster & Freeman USA, Pensacola, FL. 2016 (4 hours)

Forensic Science Research: Your Mission to Propose, Innovate, and Collaborate, by Gerald LaPorte, Pensacola, FL. 2016 (4 hours)

Advanced Comprehensive Supervised Casework in the Comparison of Footwear, by Dwane Hilderbrand, Durham, N.C. 2016 (40 hours)

Examination and Comparison of Footwear Evidence, by Dwane Hilderbrand, Durham, N.C. 2015 (40 hours)

Shoeprint Image Capture and Retrieval (SICAR), by Michael Zontini of Foster & Freeman, Detroit, MI. 2015 (16 hours)

The Forensic Examination of Electronic Signatures, by William J. Flynn and Kathleen Nicolaides at the Midwestern Association of Forensic Scientists Annual Meeting, Mackinac Island, MI. 2015 (8 hours)

The Examination of Documents Requiring a Multi-Faceted Approach, by Brian Lindblom at the Midwestern Association of Forensic Scientists Annual Meeting, Mackinac Island, MI. 2015 (4 hours)

Evaluating Signatures, by A. Frank Hicks at the Midwestern Association of Forensic Scientists Annual Meeting, Mackinac Island, MI. 2015 (4 hours)

The Application of Questioned Document Examinations to the Analysis of Valuable Signatures and Other Antiques, by Peter Belcastro and Gregg Mokrzycki at the Midwestern Association of Forensic Scientists Annual Meeting, Mackinac Island, MI. 2015 (4 hours)

Skillful Freehand Signature Simulation Workshop (Part 2 of 2), by Dr. Linton Mohammed and Lloyd Cunningham, Honolulu, HI. 2014 (4 hrs.)



Forensic Digital Imaging Techniques Course, by David Witzke, Traverse City, MI 2014 (16 hrs.)

A Crosscut Shredded Document Workshop, by Larry Olson presented at the midwestern Association of Forensic Scientists Annual Meeting, Dayton, OH. 2013 (4 hrs.)

Paper Manufacturing Workshop and Paper Mill Tour, by Glatfelter Paper Facility at the Midwestern Association of Forensic Scientists Annual Meeting, Dayton, OH 2013 (8 hrs.)

Workflow Automation for Forensic Document Examiners, by Mark Goff at The Midwestern Association of Forensic Scientists Annual Meeting, Dayton, OH. 2013 (8 hrs.)

Power Point for Public Safety, by Police Technical, Midland, MI. 2013 (20 hours)

Working with Write-On 2 Workshop, by Pierre Gaudreaux and Brian Lindblom for the Midwestern Association of Forensic Scientists annual meeting, Milwaukee, WI. 2012 (8 hours)

The Forensic Examination of Facsimile Copies Workshop, by Brian Lindblom for the Midwestern Association of Forensic Scientists annual meeting, Milwaukee, WI. 2012 (4 hours)

Managing Human Factors, by Dr. Scott Schappell for the American Society of Questioned Document Examiners Annual Meeting, Charleston, SC. 2012 (6 hours)

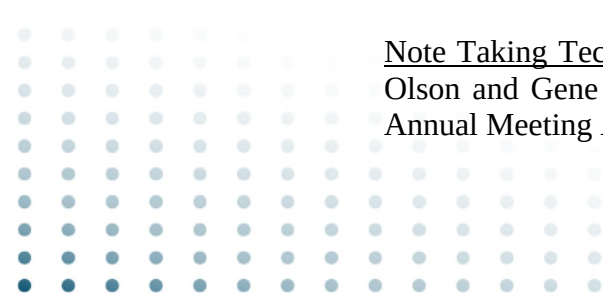
Individuality of Inkjet Printing, by Tanja Rottes and Rolf Fauser for the American Society of Questioned Document Examiners Annual Meeting, Charleston, SC. 2012 (4 hours)

Kinematic Features of Signature Writing, by Dr. Michael Caligiuri and Dr. Linton Mohammed for the American Society of Questioned Document Examiners Annual Meeting, Charleston, SC. 2012 (4 hours)

Digital Photography for Forensic Document Examiners, by David Witzke for the American Academy of Forensic Sciences Annual Meeting, Atlanta, GA. 2012 (8 hours)

Paper Fundamentals for Forensic Document Examiners, by Elaine Wooten and Jordan Brough for the American Academy of Forensic Sciences Annual Meeting, Atlanta, GA. 2012 (8 hours)

Note Taking Techniques and Considerations for Document Examiners, by Larry Olson and Gene Deitrich for the Midwestern Association of Forensic Scientists Annual Meeting, Lombard, IL. 2011 (16 hours)



Using Adobe Photoshop in a QD Workflow, by George Reiss for the American Society of Questioned Document Examiners Annual Meeting, Philadelphia, PA. 2011 (6 hours)

Printing Process Identification for Forensic Document Examiners, by Scott Walters and Jeff Payne for the American Society of Questioned Document Examiners Annual Meeting, Philadelphia, PA. 2011 (8 hours)

Photoshop for Questioned Document Examiners, by George Reiss for the Midwestern Association of Forensic Scientists Annual Meeting, Kansas City, MO. 2010 (8 hours)

Identification Science, by Steve McKasson for the Midwestern Association of Forensic Scientists Annual Meeting, Kansas City, MO. 2010 (4 hours)

Typewriter Classification for the Forensic Document Examiner, for the Midwestern Association of Forensic Scientists Annual Meeting, Kansas City, MO. 2010 (4 hours)

Signature Examination: Translating Basic Science to Practice, by Michael Caligiuri and Linton Mohammed for the American Society of Questioned Document Examiners Annual Meeting, Victoria B.C., 2010 (8 hours)

Electronic Recording & Analysis of Handwritten Signatures & Writings, by Steven Strach, Nicholas Mettyear, and Andrea Devlin for the American Society of Questioned Document Examiners Annual Meeting, Victoria B.C., 2010 (4 hours)

Examination of Charred and Watersoaked Documents Workshop, by Gregg Mokraycki and Alan Haley for the Joint SAFS, MAFS, MAAFS and SWAFS meeting, Orlando, FL. 2009 (4 hours)

Valuable Signature Analysis Workshop, by Peter Belcastro for the Joint SAFS, MAFS, MAAFS and SWAFS meeting, Orlando, FL. 2009 (4 hours)

Hands-On Hyperspectral Imaging Workshop, by Linda Batyfaker for the Joint SAFS, MAFS, MAAFS and SWAFS meeting, Orlando, FL. 2009 (4 hours)

Challenging Signatures Workshop, by Frank Hicks for the American Society of Questioned Document Examiners Annual Meeting, Dearborn, MI. 2009 (4 hours)

Handwriting of a Homogenous Population Workshop, by Marie Durina for the American Society of Questioned Document Examiners Annual Meeting, Dearborn, MI. 2009 (4 hours)

Examination of Documents Produced Using Inkjet Technology, by Gerald Laporte for the American Society of Questioned Document Examiners annual meeting, Dearborn, MI. 2009 (6 hours)

Skilled Simulations Workshop, by Tahnee Dewhurst for the American Society of Questioned Document Examiners annual meeting, Asheville, NC. 2008 (2 hours)

ABFDE Business Records Workshop, Dave Oleksow and Dennis Ryan for the American Society of Questioned Document Examiners annual meeting, Asheville, NC. 2008 (8 hours)

Typography – Testing to Testimony, by William Flynn and Kathleen Nicolaides for the American Society of Questioned Document Examiners annual meeting, Asheville, NC. 2008 (2 hours)

Working with Write-On 2 Workshop, by Brian Lindblom for the American Society of Questioned Document Examiners annual meeting, Asheville, NC. 2008 (2 hours)

Examining Documents Requiring a Multi-Faceted Approach, by Brian Lindblom for the Midwestern Association of Forensic Scientists annual meeting, Traverse City, MI. 2007 (8 hours)

Methods Used for Authenticating Questioned Documents, by Gerry LaPorte for the Midwestern Association of Forensic Scientists annual meeting, Traverse City, MI. 2007 (8 hours)

Forensic Examination of Computer Generated Documents, by William Flynn for the Midwestern Association of Forensic Scientists annual meeting, Traverse City, MI. 2007 (8 hours)

Courtroom Testimony for Forensic Document Examiners, by Dennis Ryan for the Midwestern Association of Forensic Scientists annual meeting, Traverse City, MI. 2007 (4 hours)

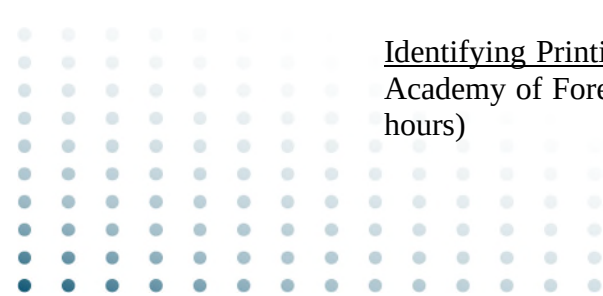
Fine and Subtle Features of Handwriting Workshop, by Lloyd Cunningham for the American Society of Questioned Document Examiners, Portland, Oregon (2006)

Signature Workshop, by Howard Rile and Frank Hicks for the American Society of Questioned Document Examiners, Portland, Oregon (2006)

How Frye and Daubert have Changed the Presentation of Criminalistics and Questioned Documents in Court, by Andre Moenssens and Justice Joseph J. Maltese for the AAFS annual meeting, Seattle, Washington, 2006 (8 hours)

Survival Course in the Post-Daubert Climate, by Andre Moenssens for the Midwestern Association of Forensic Scientists annual meeting, St. Louis, Missouri, 2005 (8 hours)

Identifying Printing Techniques Workshop, by Anna C. Baskin for the American Academy of Forensic Sciences annual meeting, New Orleans, Louisiana, 2005 (4 hours)



State of the Art Infrared and Ultraviolet Examinations of Documents by the Video Spectral Comparator Workshop, by Jerry Richards, John Sang, and David Tobin for the American Academy of Forensic Sciences annual meeting, New Orleans, Louisiana, 2005 (4 hours)

Maximizing Human Resources, by the Michigan State Police Training Academy, Lansing, Michigan (2005)

Leadership Development, by the Michigan State Police Training Academy, Lansing, Michigan (2005)

Supervisor Development, by Michigan State Police Training Academy, Lansing, Michigan (2005)

Check Washing Workshop, by Jim Smith and Jan Seaman Kelly for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (4 hours)

Facsimile Examinations Workshop, by Brian Lindblom for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (4hours)

Adobe Photoshop for Document Examiners, by Derek Hammond and Lee Miller, for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (4 hours)

Rubber Stamp Examinations, by Jan Seaman Kelly for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (4 hours)

Reasoning Process for Document Examiners, by Floyd Whiting for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (2 hours)

Multi-faceted Forensic Document Examinations, by Brian Lindblom and Jan Seaman Kelly for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (6 hours)

Daubert and the Comparative Sciences Workshop, for the American Board of Forensic Document Examiners, Las Vegas, Nevada, 2004 (16 hours)

Identification of Handwriting Using Computer Modeling Workshop, by Dr. Hari Shrihari for the joint SAFS, MAFS, MAAFS, CSFS Meeting, Orlando, Florida, 2004 (4 hours)

The Examination of Large Document Cases Using Microsoft Access, by Lamar Miller for the joint SAFS, MAFS, MAAFS, CSFS Meeting, Orlando, Florida, 2004 (24 hours)

Fracture Match Workshop, by Steve McKasson for the Midwestern Association of Forensic Scientists, Columbus, Ohio, 2003 (24 hours)

Video Spectral Comparator 2000 Workshop, by David Tobin, Milwaukee, Wisconsin, 2002 (8 hours)

Note Taking for Document Examiners, by Tom Nelson & Larry Olson, Lansing, Michigan, 2002, (24 hours)

Signature Workshop, by Howard Rile for the American Society for Questioned Document Examiners, Des Moines, Iowa, 2001 (4 hours)

Microspectrometer – Training on the use of by Dr. Paul Martin, Lansing, Michigan, 2001 (8 hours)

Physical and Chemical Comparison of Inks, by Larry Olson and Jeanne Dietrich for the Midwestern Association of Forensic Scientists, Chicago, Illinois, 2000 (8 hours)

History of Handwriting & Handwriting Instruction, for the Midwestern Association of Forensic Scientists, Ann Arbor, Michigan, 1998 (16 hours)

Book Renovation and Restoration, by James W. Craven, Michigan Historical College-Bentley Library, U. of M., for the Midwestern Association of Forensic Scientists, Ann Arbor, Michigan, 1998 (8 hours)

Fundamentals of Document Examination for Laboratory Personnel, Federal Bureau of Investigation, at Quantico, Virginia, 1998 (32 hours)

Report Writing for Document Examiners II, by Thomas A. Nelson, Office of Inspector General, at Des Moines, Iowa, 1997 (24 hours)

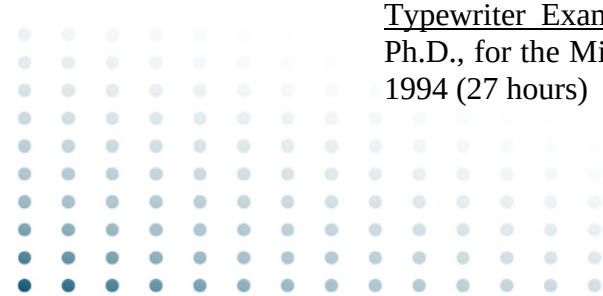
ABFDE Image Enhancement/IR/Multi-Media Workshops, by Jerry Richards, Indianapolis, Indiana, 1997 (16 hours)

Electronic Media and Printing Technologies Workshop II, Lansing Community College, at Lansing, Michigan, 1997 (32 hours)

Basic Photocopier Workshop, by Greg Werth, Konica Corporation, and Diane Tolliver, Indiana State Police, at Dayton, Ohio, 1996(16 hours)

Identification of Fraudulent and Counterfeit Documents with the Application of Counterfeit Deterrence and Printing Process Techniques, by James F. Larner, United States Immigration and Naturalization Service, at Long Beach, California, 1994 (8 hours)

Typewriter Examinations and Classification Workshop, by Philip D. Boufard, Ph.D., for the Midwestern Association of Forensic Scientists, at Cleveland, Ohio, 1994 (27 hours)



Video Imaging Workshop, presented by N.A.S.A., for the Midwestern Association of Forensic Scientists Annual Meeting, Cleveland, OH., 1994 (8 hours)

Electronic Media and Printing Technologies Workshop, Lansing Community College, for the Midwestern Association of Forensic Scientists at Lansing, Michigan, 1994 (20 hours)

Questioned Document Course 101, United States Secret Service, Glynco, Georgia, 1994 (80 hours)

Expert Witness School, by the Michigan Department of State Police, Lansing, MI. 1994 (40 hours)

Classification and Identification of Checkwriters, by Thomas Vastrick, United States Postal Service, for the Midwestern Association of Forensic Scientists Annual Meeting at Madison, Wisconsin, 1993 (4 hours)

Fax Facts, by Diane K. Tolliver, Indiana State Police, at Madison, Wisconsin, 1993 (4 hours)

Report Writing for Document Examiners, by Retired Michigan State Police Lt. Thomas A. Nelson, at Thompsonville, Michigan, 1993 (20 hours)

Certification: Diplomat of the **American Board of Forensic Document Examiners (ABFDE)**, certification #306, September 2001 to present.

Professional Organizations: ***American Board of Forensic Document Examiners (ABFDE)***

Involvement: Board of Director's – Director 2016 – 2018

American Society of Questioned Document Examiners (ASQDE) – Member

Involvement: Secretary (Executive Committee) – 2016 - 2018
Program Co-Chair – 2011, 2026
Exhibitor Coordinator – 2009, 2011

Meetings: 1994, 2001, 2002, 2003, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2014, 2016, 2017, 2020, 2021(virtual), 2025

Midwestern Association of Forensic Scientists (MAFS) - Member

Involvement: Ethics Committee Chair – 2013, 2014
Past President (Nomination Committee Chair) – 2012, 2013
President – 2011, 2012
President Elect – 2010, 2011
Membership Chair – 2010, 2011
Board of Director's – At Large Member 2008, 2009, 2010



Bylaws & Admin Rules Committee Chair 2009, 2010
Training and Education Committee 2008
Section Coordinator (Questioned Document Section) 1995, 1996, 1997, 2007, 2008
Spring Workshop Coordinator 1994, 1997
Fall Workshop Coordinator 1997, 2007, 2008
Section Coordinator for the Questioned Document Section for the joint SAFS, MAFS, MAAFS, CSFS Meeting 2004

Meetings: 1993, 1994, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2021

Awards: ***New Scientist Award*** for Professional Excellence, presented at the Annual Meeting, Des Moines, Iowa 1997.

Distinguished Service Award for making outstanding contributions to MAFS or the forensic science field and whose actions have resulted in marked improvement in the quality, recognition, or acceptance of MAFS or the forensic science field.

American Academy of Forensic Sciences (AAFS) – Member

Involvement: Membership Committee Chair, Questioned Document Section 2005, 2006

Meetings: 2003, 2005, 2006, 2012, 2026

Southeastern Association of Forensic Document Examiners (SAFDE) – Corresponding Member

Meetings: 2026

American Society of Testing and Materials (ASTM) – Member

International Association of Identification (IAI) – Member

Canadian Society of Forensic Science (CSFS) – Provisional Member

International Association of Special Investigation Units (IASIU)



Committees:

Committee Member – National Institute of Justice Forensic Science Technology Working Group (2015 to present)

Member At-Large – Main Committee on the Technical Working Group for Document Examiners (1996 to 2000)

Chair – 2008 MFRC QD symposium, Ames, IA.

Research, Papers**and Presentations:**

Authored: *The Mark and Obliteration of the “X”* which was presented to the Midwestern Association of Forensic Scientists at their annual meeting in 1993 and to the American Society of Questioned Document Examiners at their Annual meeting in 1995.

Authored: *The Eradication of Impression Evidence* which was presented to the Midwestern Association of Forensic Scientists at their annual meeting in 1996.

Paper Validation presentation: “A Preliminary Look at Whether Paper Tears are Individual and Unique” (2005) to the American Society of Questioned Document Examiners, Montreal, Canada.

Paper Validation Results presentation: “Fracture Match: A Validation Study to Determine Uniqueness of Paper Tears” (2006) to the American Society of Questioned Document Examiners, Portland, Oregon.

Presentation: “Distorted Writing – Identification or Elimination” (2007) to the Midwestern Association of Forensic Scientists, Traverse City, MI.

Paper Validation (Part I and Part II) presentation of results: “Fracture Match: A Validation Study to Determine Uniqueness of Paper Tears” (2009) to the American Society of Questioned Document Examiners, Dearborn, MI.

Presentation: “Enhancing Obliterations/Erasures Using Photoshop and a Wacom Graphics Tablet,” (2014) to the American Society of Questioned Document Examiners, Honolulu, HI and (2015) to the Midwestern Association of Forensic Scientists, Mackinac Island, MI.

Workshop: The Examination of Documents Requiring a Multi-Faceted Approach, at the Midwestern Association of Forensic Scientists Annual Meeting, Cincinnati, OH. 2017

Presentation: “Dating Signatures Through a Timeline of Degeneration: A Case Study” (2017) to the Midwestern Association of Forensic Scientists, Cincinnati, OH.

Presentation: “Examination of a Document Submerged for 33 Years: A Case Presentation” (2017) to the Midwestern Association of Forensic Scientists, Cincinnati, OH.



Workshop: The Examination of Documents Requiring a Multi-Faceted Approach, at the Midwestern Association of Forensic Scientists Annual Meeting, Chicago, IL. 2021

Presentation: “Water-soaked Document Examinations” (2026) to the Southeastern Association of Forensic Document Examiners, Pensacola, FL.

Presentation: “Dating Signatures Through a Timeline of Degeneration: A Case Study” (2026) to the Southeastern Association of Forensic Document Examiners, Pensacola, FL.

Conduct research within the laboratory on problems faced regularly by Forensic Document Examiners.

Publications:

The Mark and Obliteration of the “X”, International Journal of Forensic Document Examiners, Volume 5, pages 245-248, 1999.

Fracture Match: A Validation Study of Paper Tears, Part I, Journal of the American Society of Questioned Document Examiners, Inc. Volume 13, Number 1, 2010.

Court

Testimony:

I have testified many times in County, State, Federal, and International Courts. I have never been excluded as an expert or from testifying as an expert witness in any County, State, Federal, International Court, Arbitration or Administrative proceeding.

