



Richard J. Tewes  
Director of Forensic Services  
Pioneer Forensics, LLC

### **GENERAL**

My Law Enforcement career commenced in March 1986 when I accepted a position as a Police Officer with the Township of Brookfield, Wisconsin, Police Department. I continued my Police Officer experience by transferring to the West Milwaukee Police Department in 1990. In 1991 my formal education in crime scene analysis began and I expanded my professional experience in the forensic examination of crime scenes and the identification, preservation and comparison of physical evidence. The City of Lakewood, Colorado, Criminalistics Unit selected me in March of 2000 for the position of Criminalist II/Senior Crime Scene Analyst. In June 2005, I was selected by The City of Fort Collins, Colorado, to be their Forensic Services Manager. In July 2008, I accepted a Forensic Technician position with Ideal Innovations Incorporated to assist the Department of Defense in Iraq performing forensic analysis with the Combined Explosive Exploitation Cell. I currently serve as Director of Pioneer Forensics, LLC a company dedicated to the accurate representation of forensic evidence, training of professionals and development of products for the forensic science community.

### **PROFESSIONAL CERTIFICATIONS**

I have attained Certification in Footwear Examination, (CFWE), Bloodstain Pattern Analyst, (CBPA) and as a Senior Crime Scene Analyst, (CSCSA), the highest level for crime scene professionals. These certifications are governed by the International Association for Identification.

### **EXPERT WITNESS**

#### **Crime Scene Analysis**

Mesa County Division 10, Case 23CR112, Judge Robison, December 04, 2023.  
El Paso County Division 16, Case 22CR5749, Judge May, July 28, 2023.  
Chaffee County Division 2, Case 22CR25, Judge Karn, June 22, 2023.  
Jefferson County Division 14, Case 21CR2438, Judge Hunt, June 24, 2022.  
Weld County District Court, Division 17, Case 20CR952, Judge Vigil, March 30, 2022.



Pueblo County District Court Division 502, Case 20CR1437, Judge Eyler, December 07, 2021.  
USDC Tacoma, Washington, Case 3:20-CV05223, Judge Bryan, Trial, September 15, 2021.  
Weld County District Court, Division 12, Case 18CR998, Judge Hoskins, August 17, 2021.  
Pueblo County District Court Division 404, Case 00CR1779, Judge Ernst, August 16, 2021.  
USDC Tacoma, Washington, Case 3:20-CV05223, Judge Bryan, Deposition June 21, 2021.  
Las Animas County District Court, Case 21CR42, Judge Gerbracht, June 01, 2021.  
Gunnison County District Court, Case 18CR24, Judge Patrick, July 25, 2019.  
Mesa County Division 12, Case 10CR697, Judge Larson, June 13, 2019.  
Garfield County Division F, Case 2016CR3024, Judge Neiley, February 22, 2019  
Mesa County District 5, Case 08CR1743, Judge Robison, January 28-29, 2019  
Boulder County Division 4, Case 13CR297, Judge Bailin, July 17, 2013.  
USDC, Denver, CO, A1001, Case 11CR00303REB, Judge Robert Blackburn, 7/19/2012  
Jefferson County Division 10, Case 04CR00733, Judge Boatwright, January 10-11, 2006  
Jefferson County Division 5, Case 05CR00422, Judge Weir, January 09, 2006.  
Jefferson County District 4, Case 03CV3500, April 12, 2005.  
Jefferson County District 7, Case 03CR02617, February 11, 2005.  
Jefferson County District 7, Case 03CR02633, January 21, 2005.  
Jefferson County District 7, Case 03CR02997, December 13, 2004.

### Footwear Comparison & Identification

USDC Tacoma, Washington, Case 3:20-CV05223, Judge Bryan, Trial, September 15, 2021  
USDC Tacoma, Washington, Case 3:20-CV05223, Judge Bryan, Deposition, June 21, 2021  
Mesa County Division 5, Case 08CR1743, Judge Robison, January 28-29, 2019  
Cook County Illinois, 2006L9648, Judge Budzinski, Deposition. August 14, 2015.  
Lake County Division 5, Case 13CR70, Judge Patton, June 9, 2015.  
Larimer County Division 5A, Case 07CR1788, Judge Gilbert, January 29, 2009.  
Jefferson County Division 5, Case 05CR01624, Judge Weir, May 02, 2006.  
Jefferson County Division 10, Case 04CR00733, Judge Boatwright, January 10-11, 2006.  
Jefferson County Division 5, Case 05CR00383, Judge Weir, October 26, 2005.  
Jefferson County Division 10, Case 03JD00393, Judge Boatwright, October 21, 2003.

### Bloodstain Pattern Analysis

Mesa County Division 12, Case 23CR535, Judge Larson, March 18, 2023  
San Diego, CA Superior Court Div. 20, Case SCN109628, Judge Kearney, May 12, 2022.  
Weld County District 12, Case 18CR998, Judge Hoskins, August 17, 2021.  
Mesa County Division 12, Case 10CR697, Judge Larson, June 13, 2019.  
Jefferson County Division 12, 11CR1660, Judge McNulty, January 9-10, 2013.  
Denver 2<sup>nd</sup> Judicial District Court 5A, 11CR2819, Judge Rappaport, November 19, 2012.



Larimer County Division 4A, Case 05CR1380, Judge Williams, December 08, 2006.  
Jefferson County Division 10, Case 04CR00733, Judge Boatwright, January 10-11, 2006.  
Jefferson County District 4, Case 03CV3500, April 12, 2005.

### Fingerprint Identification

Boulder County Division 4, Case 13CR297, Judge Bailin, July 17, 2013.  
Combined Criminal Courts Iraq, Baghdad, Iraq, Judge Mahmoud, March 16, 2010.  
Combined Criminal Courts Iraq, Baghdad Iraq, Judge Ali, September 2, 2009.

I have testified in State Circuit and District Courts, County and Municipal Courts in excess of two hundred criminal trials and court hearings.

### EDUCATION

Rocky Mountain Program, University of Colorado at Denver, Graduate School of Public Affairs, January 2007.

Bachelor of Science Degree, Criminal Justice Major, Mount Senario College, Ladysmith Wisconsin, Magna Cum Laude Graduate, 1996.

Police Officer Recruit Training, March 1986, Fox Valley Technical Institute, Appleton, Wisconsin. Wisconsin Law Enforcement Certification achieved upon graduation.

### Forensic and Technical Law Enforcement Training

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, San Diego, CA, October 25-28, 2022

Statistical Thinking for Forensic Practitioners, Center for Statistics and Applications in Forensic Evidence, (CSAFE) Remote, 10/14/2022.



The International Association for Identification (IAI), Annual Training Conference and Workshops, Omaha, Nebraska. July 31- August 05, 2022

Firearms Examiner Training, National Institute of Justice, Washington, D.C. Remote Course, June 27- July 02, 2022.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Greeley, CO September 28-October 01, 2021

The International Association for Identification (IAI), Annual Training Conference and Workshops, Nashville, TN August 01-07, 2021

FARO Public Safety & Forensics Tech Summit, Online workshop, Global virtual event, December 09-10, 2020.

Fluid Dynamics in Bloodstain Pattern Analysis, Online Workshop. JCSO Criminalistics Lab, Olathe, Kansas. April 8 & 9, 2020.

Fabric Examinations in Bloodstain Pattern Analysis, Online Workshop. JCSO Criminalistics Lab, Olathe, Kansas. April 01, 2020.

Reasoning and Methodology in Bloodstain Pattern Analysis, Online Workshop. JCSO Criminalistics Lab, Olathe, Kansas. March 30, 2020.

Sequencing BPA on Cardboard, RMABPA Meeting, Thornton, Colorado, December 03, 2020.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Chicago, IL, October 29-November 01, 2019.

The International Association for Identification (IAI), Annual Training Conference and Workshops, San Antonio, TX, July 29- August 3, 2018.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Salt Lake City, UT, October 4-7, 2016

The International Association for Identification (IAI), Annual Training Conference and Workshops, Cincinnati, OH, August 07-12, 2016.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Fort Worth, TX September 29-October 2, 2015.



The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Portland, Maine, September 30 to October 3, 2014.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, San Diego, California, October 1-4, 2013.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Tucson, Arizona, October 2-6, 2012.

The International Association for Identification (IAI), Annual Training Conference and Workshops, Phoenix, Arizona, July 22-28, 2012.

The International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference and BSP Workshops, Milwaukee, Wisconsin. October 4<sup>th</sup>-8<sup>th</sup>, 2011

The International Association for Identification (IAI), Annual Training Conference and Workshops, Milwaukee, Wisconsin. August 8<sup>th</sup> - 12<sup>th</sup> 2011.

The International Association of Bloodstain Pattern Analysts (IABPA) Training Conference and Workshops, Boulder, Colorado 10/07-10/2008.

Public Safety Weapons of Mass Destruction, Sampling Techniques and Guidelines, National Center for Biomedical Research and Training, Academy of Counter-Terrorist Education, Department of Homeland Security. Ed Tomaszewski, 11/06-08/2007.

Examination and Comparison of Tire Track Evidence, Ron Smith and Associates, Dwane Hilderbrand, 10/16-18/2007.

International Association of Bloodstain Pattern Analysts (IABPA), Training Workshops & Conference, San Antonio, Texas, 10/01-4/2007.

DNA Preservation, Colorado Association of Property and Evidence Technicians, Mary Schleicher (CBI), Chief Hossa, Colorado, 05/23/2007

Managing Evidence in Law Enforcement Agencies, International Association for Property and Evidence, Inc. Joe Latta, Centennial, Colorado 5/16-17/2007.

Incident Command, National Incident Management System, Colorado Division of Fire Safety, David Freismuth, Fort Collins, Colorado, 01/16/2006.



Forensic Imaging and Video Analysis, Imaging Forensics, George Ries, Fort Collins, Colorado, 08/22-25/2005.

Examination of Footwear Impression Evidence, FBI National Academy, Sandy Wiersema and Michael Smith, Quantico, VA, 40 hours, 4/18-22/2005.

DNA: Crime Scene to Court Room, Denver University, DOJ, National Law Enforcement and Corrections Technology Center, Dr. Phillip Danielson, Denver, Colorado, 8/23-24/2004.

Advanced Bloodstain Pattern Analysis, TBI Forensic Education, Tom Bevel, Montrose, Colorado, 40 Hours, 7/19-23/2004.

Introduction to Instruction, Instructor Development, Western States Regional Training Center, Colorado POST Instructor certification course. David Freismuth, Lakewood, Colorado, 40 Hours, 4/13-16/2004.

Detection, Recovery and Examination of Footwear Impression Evidence, Bodziak Forensics, William J. Bodziak, Jacksonville, Florida, 40 Hours, 3/10-14/2003.

Shooting Incident Reconstruction, Bruce Moran, ACSR Training, 10/25/2002, Denver, Colorado.

Association for Crime Scene Reconstruction, 2002 International Training Conference, Denver, Colorado, 10/24-26/2002.

Death Investigation, Dr. Henry Lee, Lakewood, Colorado, 03/07/02.

Sex Crimes Seminar, Colorado Association of Sex Crime Investigators, Snowmass, Colorado. 08/22-24/2001.

Bloodstain Pattern Analysis Workshop, Miami-Dade Training Bureau, Toby Wolson, Miami, Florida, 44 Hours, 12/04-08/2000.

Automated Fingerprint Identification System (AFIS) User Training, Colorado Bureau of Investigation, Scott Pratt, Lakewood, Colorado, Latent AFIS Case Entry, 09/27/00.

Crime Scene Reconstruction, TBI Forensic Education, Lakewood Police Department, Lakewood, Colorado. Tom Bevel and Ross Gardner, 40Hours, 04/17/00-04/21/00.

Fingerprint Comparison and Identification, Fox Valley Technical College, Michael J. Campbell, Appleton, Wisconsin, 06/02-04/1999.



Drug Field Testing Workshop, Wisconsin State Crime Laboratory, Milwaukee, Wisconsin, Christie Ronge, 02/23/99.

Hazardous Material Crime Scene Investigation, Milwaukee County SO, Division of Emergency Management, Level A and SCBA Certification. 03/25/98.

Firearms Instructor & Instructor Development, Milwaukee Police Academy, Daniel Hunt, Milwaukee, Wisconsin, 40 Hours, 10/27/97-10/31/97.

Fingerprint Classification and Comparison, Northeast Technical College, Michael J. Campbell, Lombard, Illinois, 03/12-14/1997.

Evidence Collection, Preservation and Investigation, Madison Area Technical College, Madison, Wisconsin, 40 Hours, 01/22-26/1996.

Crime Scene Fingerprint Techniques and Chemical Development. Wisconsin State Crime Laboratory, Everett Justice, Milwaukee, Wisconsin. 09/27/94.

Forensic Interview Techniques, Wisconsin Department of Justice, Brookfield, Wisconsin, 03/25/94.

Crime Scene Technician, Milwaukee Area Technical College, Oak Creek, Wisconsin, Michael J. Campbell, 40 Hours, 10/28-11/01/1991.

Interview and Interrogation Techniques, Milwaukee Area Technical College, Oak Creek, Wisconsin, 40 Hours, 04/01-05/1991.

Police Officer Recruit School, Fox Valley Technical Institute, Appleton, Wisconsin, 320 Hours, 03/10-05/09/1986.



## **TEACHING EXPERIENCE**

I have conducted evidence identification and recovery courses, crime scene investigation, fingerprint development techniques, firearms training and developed and instructed Crime Scene Technicians for the West Milwaukee Police Department as a Wisconsin Training and Standards Board certified instructor.

I have received Colorado POST certification for instructors. I have instructed general and advanced courses on evidence identification, collection, preservation and comparison. I have instructed sworn and civilian law enforcement personnel, lawyers, judges, high school and college students and international governments.

Bloodstain Patterns Produced by High Performance Bullets, International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference, September 30, 2021 Greeley, Colorado.

Bloodstain Patterns in Fire Events, International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference, September 29, 2021, Greeley, Colorado

Chemical Development of Blood, International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference, October 5, 2016, Salt Lake City, Utah.

Bloodstain Pattern Analysis (Lecture) Colorado Criminal Defense Bar, Continuing Legal Education, March 21, 2014, Ralph L. Carr Judicial Center, Denver, Colorado.

The Characteristics of Blood on "Wicking" fabrics, (Lecture) Rocky Mountain Association of Bloodstain Pattern Analysts, (RMABPA) June 6, 2013, Broomfield, Colorado.

Mixed and Sequenced Bloodstain Patterns, Pioneer Forensics Training Facility, April 29-May3, 2013 Loveland, Colorado.

The Characteristics of Blood on "Wicking" fabrics, (Lecture) International Association of Bloodstain Pattern Analysts (IABPA), Annual Training Conference, October 2, 2012, Tucson, AZ.

Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. August 25-26, 2010. Camp Deutsch, VBC, Baghdad, Iraq

Combined Joint Explosive Triage Chemical Development Techniques, Combined Explosive Exploitation Cell, Iraq. May 11, 2010. Camp Victory, VBC, Baghdad, Iraq





Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. April 27 to May 1, 2010. Camp Deutsch, VBC, Baghdad, Iraq

Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. March 16-17, 2010. Camp Deutsch, VBC, Baghdad, Iraq

Sensitive Site Exploitation, Combined Explosive Exploitation Cell, Iraq. February 25-26, 2010. Camp Striker, VBC, Baghdad, Iraq

Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. February 16-17, 2010. Camp Deutsch, VBC, Baghdad, Iraq

Sensitive Site Exploitation, Combined Explosive Exploitation Cell, Iraq. January 28-29, 2010. Camp Striker, VBC, Baghdad, Iraq

Sensitive Site Exploitation, Combined Explosive Exploitation Cell, Personnel Recovery Division, January 12, 2010. Al Faw Palace, Camp Victory, VBC, Baghdad, Iraq.

Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. January 4-5, 2010. Camp Deutsch, VBC, Baghdad, Iraq

Combined Joint Explosive Triage Forensic Exploitation, Combined Explosive Exploitation Cell, Iraq. November 16-17, 2009. Camp Deutsch, VBC, Baghdad, Iraq

Mixed and Sequenced Bloodstain Patterns, The International Association of Bloodstain Pattern Analysts (IABPA), Boulder, Colorado, 10/08/2008.

Crime Scene in Society, Colorado State University, 10/9 & 10/11/ 2007, Fort Collins, Colorado.

Bloodstain Pattern Recognition and Documentation, Rocky Mountain Symposium on Major Crimes and Forensics, 09/13/2007, Rocky Mountain Division of the International Association for Identification, Denver, Colorado.

Bloodstain Pattern Recognition and Documentation, Rocky Mountain Association of Bloodstain Pattern Analysts ( RMABPA), 6/29/2007, PFA Training Center, Fort Collins, Colorado.

Identification, Collection and Preservation of Physical Evidence, 6/11-6/15/2007, Fort Collins, Crime Scene Investigator Training, Fort Collins Colorado.

Death Investigation, Colorado State University, 04/16/2007, Fort Collins, Colorado.



Bloodstain Pattern Analysis, Colorado Criminal Defense Bar, (CCDB) Continuing Legal Education Forensics Seminar, March 2007, Denver Athletic Club, Denver, Colorado

Footwear Impression Evidence, Colorado Criminal Defense Bar, Continuing Legal Education Forensics Seminar, March 2007, Denver Athletic Club, Denver, Colorado

Introduction to Bloodstain Pattern Analysis, Rocky Mountain Association of Bloodstain Pattern Analysts (RMABPA), 05/10/2006, Thornton PD, Thornton, Colorado.

Crime Scene in Society, Colorado State University, 3/21 & 3/23/ 2006, Fort Collins, Colorado.

Identification, Collection and Preservation of Physical Evidence, 3/6-3/10, 2006, Fort Collins Police, Crime Scene Investigator Training, Fort Collins, Colorado.

Documenting and Recovering Shoe Prints in Snow and Wet Mediums at Crime Scenes, 02/24/2006, Dillon Police Department, Dillon, Colorado.

Documenting and Recovering Shoe Prints in Snow and Wet Mediums at Crime Scenes, 01/20/2006, Dillon Police Department, Dillon, Colorado.

Footwear Identification, Collection and Preservation, 12/09/2005, Highlands Ranch Law Enforcement Center, Colorado.

Footwear Recognition, Collection and Preservation, 12/05/05, Sylvan Dale Ranch, Fort Collins, Colorado.

Crime Scene in Society, Colorado State University, 11/08/2005, Fort Collins, Colorado.

Footwear Identification, Collection and Preservation, 10/07/2005, Highlands Ranch Law Enforcement Center, Colorado.

Introduction to Bloodstain Pattern Interpretation, 09/07/2005, Fort Collins Recreation Center, Fort Collins, Colorado.

Introduction to Footwear, Collection & Preservation, 01/11/05, Boulder PD, Boulder, Colorado.

Introduction to Bloodstain Pattern Analysis, Rocky Mountain Association of Bloodstain Pattern Analysts( RMABPA), 01/10/05, Boulder PD, Boulder, Colorado.

Introduction to Bloodstain Pattern Analysis, Rocky Mountain Association of Bloodstain Pattern Analysts( RMABPA), 11/12/04, Dillon Town Center, Dillon, Colorado.



Introduction to Bloodstain Pattern Analysis, Rocky Mountain Association of Bloodstain Pattern Analysts (RMABPA), 10/14/04, Lakewood PD, Lakewood, Colorado.

Introduction to Bloodstain Pattern Analysis, Rocky Mountain Association of Bloodstain Pattern Analysts (RMABPA), 6/16/04, Weld County SO, Greeley, Colorado.

Crime Scene Investigator Training, Advanced, Lakewood Police Agents, 03/02/04-03/04/04, Lakewood, Colorado.

Crime Scene Searching and Crime Scene Sketching, Lakewood Police Recruits, 01/23/04, Lakewood, Colorado.

Identification, Collection and Preservation of Evidence, Lakewood Police Recruits, 01/22/04, Lakewood, Colorado.

Identification, Collection and Preservation of Physical Evidence, Lakewood Youth Police Academy, 07/11/03, Lakewood, Colorado.

Crime Scene Investigator Training, Advanced, Lakewood Police Agents, 04/01-03/2003, Lakewood, Colorado.

Identification, Collection and Preservation of Evidence, Lakewood Police Recruits, 02/20/03, Lakewood Police Academy, Lakewood, Colorado.

Crime Scene Investigator Training, Advanced, Lakewood Police Agents, 7/09/02 to 07/11/02. Lakewood, Colorado.

Identification, Collection and Preservation of Evidence, Lakewood Police Recruits, 07/05/02, Lakewood Police Academy, Lakewood, Colorado.

Crime Scene Searching, Lakewood Police Recruits, 03/01/02, Lakewood Police Academy, Lakewood, Colorado.

Identification, Collection and Preservation of Evidence, Lakewood Police Recruits, 02/01/02, Lakewood Police Academy, Lakewood, Colorado.

What is Evidence? Lakewood Explorers 01/28/02, Lakewood Police Department, Lakewood, Colorado.

Crime Scene Investigation, Basic, Lakewood Police Agents 07/13-15/01. Lakewood, Colorado.



## **PROFESSIONAL ARTICLES PUBLISHED**

Using Luminol to Detect Blood in Soil Eight Years after Deposition. *Journal Association for Crime Scene Reconstruction.* 2013:19(1); 1-4.

A Comparison of the Luminol and Bluestar Blood Reagents in Detecting Blood in Soil Nearly Four Years After Deposition, *International Association of Bloodstain Pattern Analysts News (IABPA).* Pp 5-8, Volume 24, Number 4, December 2008.

Characteristics of Snow and Their Influence on Casting Methods for Impression Evidence. *Journal of Forensic Identification,* pp807-822, Volume 57, Number 6, November/December 2007.

Detecting Blood Patterns in soil with Luminol Two Years after Deposition. *International Association of Bloodstain Pattern Analysts News (IABPA),* pp 14-19, Volume 23, Number 1, March 2007.

The Mount Bierstadt Study: An Experiment in Unique Damage Formation in Footwear. *Journal of Forensic Identification.* Pp199-205, Volume 57, Number 2, March/April 2007 ISSN: 0895-173X.

The use of luminol to detect blood in soil, One year after deposition. *International Association of Bloodstain Pattern Analysts News (IABPA),* pp 4-7. Volume 22, Number 3. September 2006.

Strengthening Sulfur Casts with Plasti-dip. *Information Bulletin for Shoeprint/Toolmark Examiners (IBSTE),* pp16-21. Volume 12, Number 2, ISSN: 1445-4194. August 2006, European Network of Forensic Science Institutes (ENFSI).

Lifting Shoe Impressions from Cylindrical Objects: A Simple Method. *Information Bulletin for Shoeprint/Toolmark Examiners (IBSTE),* pp7-13. Volume 12, Number 1, ISSN: 1455-4194. March 2006, European Network of Forensic Science Institutes (ENFSI).

Casting Snow Prints with “Quikrete” fast setting concrete: An alternative to aerosol wax products, *The Information Bulletin for Shoeprint/Toolmark Examiners, (IBSTE).* pp34-40. Volume 11, Number 1, ISSN: 1455-4194. April 2005, European Network of Forensic Science Institutes (ENFSI).

## **PROFESSIONAL ASSOCIATIONS AND AFFILIATIONS**



American Academy of Forensic Science, Standards Board Consensus Body, Footwear and Tire Track Subcommittee.

2019-Present

National Institute of Science and Technology (NIST) Organization of Scientific Area Committee (OSAC) Subcommittee on Bloodstain Terminology and Taxonomy. 2016- Present

The International Association of Bloodstain Pattern Analysts (IABPA)

Vice President, two terms- 2020 – 2022 and 2014 - 2017

Chair, Ethics Committee 2014- Present

Education Committee, 2008-2010.

SWGSTAIN Document Review Committee

Member 2000-Current

The International Association for Identification (IAI)

Chair- Bloodstain Pattern Examiner Certification Committee

Bloodstain Pattern Analyst Certification Board 2015- Present

Forensic Certification Management Board 2019-Present

Member 1998- Present

Rocky Mountain Association of Bloodstain Pattern Analysts (RMABPA)

President, 2007-2008, 2 Year Term.

Vice-President, 2005-2006, 2 Year Term

Education Committee Chairman, January 2005-2009

Education Committee for the RMABPA, March 2004-2009

Member 2000- Present

Colorado Forensic Footwear Information Network (COFFIN)

Co-Founder and Principal 2006- Present

The Association for Crime Scene Reconstruction (ACSR) 2000-2008

The International Association for Property and Evidence 2005-2009

Rocky Mountain Division of the International Association for Identification 2000-2008