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EXPERTISE:

Accident Reconstruction.

EMPLOYMENT HISTORY:

- 2009 to Present **Herndon & Associates**
Livonia, Michigan
Accident Reconstructionist
- 1997 to 2009 **Warren Police Department Detective/Cpl Responsible for Fatal Accident Investigation, Reconstruction and Serious Felony/Homicide Investigations, Assigned to Criminal Investigations Division, Squad 1.**
Speed Analysis Evidence Identification & Interpretation Causation Factors. Crush Profile Interpretations. Tire Examination, Lamp Examination, Commercial Vehicle Crash Data Recorder, "Black Box", downloads and interpretation, Preparation of Scale Diagrams & Court Presentation 3-Dimensional Video Crash Animations. Photography (at scene and Forensic)
- 1995 to 1997 **Warren Police Department Detective/ Corporal assigned to Criminal Investigations Fraud Unit.**
- 1992 to 1995 **Warren Police Department Detective /Corporal assigned to the Criminal Investigations. General Criminal Investigations.**
- 1987 to 1992 **Patrol Officer Warren Police Department Evidence Technician Unit.**
Evidence Identification & Preservation
Latent Print Chemical Restoration & Recovery
Basic and Forensic Photography for Evidence Preservation
Identification and Recovery of Trace Evidence
Measuring of Scene for Documentation
At-Scene Crash Investigations
Scene Examination, Evidence Identification
Scene Photography
Basic Speed Determinations (slide to stop)
Human Factors
Basic Patrol Duties & Traffic Enforcement
- 1985 to 1987 **Patrol Officer, City of Warren Police Department**
Basic Accident Investigation and Reporting
General Traffic Patrol & Enforcement, Traffic Radar Basic Criminal Investigation
- 1983 to 1985 **Public Safety Officer, City of Grosse Pointe Woods, Michigan**
Responsible for Police Service, Firefighting Response and Emergency. Medical Service Requests for service.
- Basic Accident Investigation and Reporting Traffic Patrol and Enforcement**
Criminal Investigation Emergency Medical Service Firefighter.

EDUCATION, TRAINING & QUALIFICATIONS:

- December 1981 **Wayne State University**
Detroit, Michigan
Bachelor of Science in Criminal Justice Degree
- December 1981 **Macomb Community College**
Michigan Associate of Applied Science for Crime Lab Technician
- January 1983 **Macomb Community College**
Emergency Medical Technician Program
Obtained State Certification as Basic Emergency Medical Technician

EDUCATION, TRAINING & QUALIFICATIONS: (Continued)

- June to August 1983 **Macomb Community College Criminal Justice Training Center**
Basic Police Academy - Graduate

- February 1987 **Michigan State Police Breathalyzer School / Certification**
Course Study: Operation & Maintenance of Breathalyzer Unit

- June 1987 **Macomb County College Criminal Justice Training Center**
Course Study: Basic Evidence Technician School / Training

- October 1987 **Macomb Community College Criminal Justice Training Center**
Seminar on Violent Persons and Serial Killers

- January 1988 **Macomb Community College Criminal Justice Training Center**
Course Study: Laser Fingerprint Restoration

- May 1988 **Wayne State University School of Medicine (Dr. Werner Spitz)**
Course Study: Medicolegal
Investigation of Death Seminar. Forensic Death Investigation

- November 1988 **Macomb Community College / Michigan State University**
Highway Traffic Safety Program
Course Study: Accident Investigation I

- February 1989 **Oakland Community College Criminal Justice Training Center**
Michigan State University Highway Traffic Safety Program
Course Study: Accident Investigation II

- March 1989 **Macomb Community College Criminal Justice Training Center**
Course Study: Investigative Techniques for Child Abuse

- July 1989 **Macomb Community College Criminal Justice Training Center**
Michigan State University Highway Traffic Safety Program
Course Study: Accident Investigation III

- June 1991 **Michigan State Police Forensic Technology Seminar (Spectrum 91)**
Course Study: Update of Forensic Science Techniques

- Photography for the Forensic Investigator Seminar. Dr. Thomas West.**
Course Study: Forensic Photography

- May 1992 **Macomb Community College Criminal Justice Training Center**
Course Study: Forensic Light Source Training

- April 1993 **John E. Reid & Associates – Chicago, Illinois**
Course Study: Reid Technique of Interviewing & Interrogation

- November 1997 **Macomb Community College Criminal Justice Training Center**

- March 1998 **Michigan State University Highway Traffic Safety Program**
Department of Civil and Environmental Engineering
Course Study: Initial Investigations / Accident Investigation 1

- April 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Follow-up Investigations / Accident Investigation 2

- April 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Accident Photography / Accident Investigation 3

- May 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Perspective Grid Mapping of Evidence / Accident Investigation 4

EDUCATION, TRAINING & QUALIFICATIONS: (Continued)

- May 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Tire Dynamics/Accident Investigation 5
- May 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Lamp Examination / Accident Investigation 6
- September 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Commercial Vehicle Accident Investigation / Accident Investigation 7
- October 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Motorcycle Accident Investigation / Accident Investigation 8
- December 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Accident Reconstruction / Accident Reconstruction 9
- June 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Night Visibility & Lighting Requirements / Accident Investigation 11
- October 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Vehicle/Pedestrian Collisions / Accident Investigation 12
- November 1998 **Michigan State University Highway Traffic Safety Program**
Course Study: Vehicle Damage Measuring for Computer Reconstruction / Accident Investigation 14
- March 1999 **Michigan State University Highway Traffic Safety Program**
Course Study: Computer-Aided Drawing / Accident Investigation 15D
- March 1999 **Wayne State University School of Medicine (Dr. Werner Spitz)**
*Course Study: Medicolegal Investigations of Death Seminar
 Forensic Death Investigation*
- June 1999 **Michigan State University Highway Traffic Safety Program**
Course Study: Review of Momentum Principles, Kinetic Energy & Co-linear Collisions / Accident Investigation 9 Update
- January 2001 **Michigan State University Highway Traffic Safety Program**
Course Study: Advanced Accident Reconstruction Momentum Principles, Vector Sum Analysis, AI-13
- April 2002 **Michigan State University Highway Traffic Safety Program**
Course Study: Review of Momentum Principles, Kinetic Energy & Co-Linear Collisions / Accident Investigation 9 Update
- August 2002 **Macomb Community College Criminal Justice Training Center**
Course Study: Alcohol Standard Field Sobriety Training & Drug Recognition Seminar
- November 2002 **Michigan State University Highway Traffic Safety Program**
Course Study: Advanced Motorcycle Accident Reconstruction / Accident Investigation 18
- March 2003 **Michigan State University Highway Traffic Safety Program**
Course Study: Accident Avoidance Analysis / Accident Investigation 17A
- March 2003 **Michigan State University Highway Traffic Safety Program & Collision Safety Institute San Diego, CA**
*Crash Data Recorder System & Vetronix Crash Data Retrieval System.
 Certification Course. Accident Investigation 19*
- June 2003 **Michigan State University Highway Traffic Safety Program**
Course Study: Investigating Accidents Involving Alcohol & Other Drugs / Accident Investigation 21
- April 2004 **Michigan State University Highway Traffic Safety Program**
Course Study: Accident Investigation 20
- June 2004 **Michigan State University Highway Traffic Safety Program**
Course Study: Emergency Vehicle Accident Investigation / Accident Investigation 22

EDUCATION, TRAINING & QUALIFICATIONS: (Continued)

- April 2005 **North Coast Polytechnic Institute & Michigan State University**
Course Study: Bio-Mechanics in Accident Reconstruction / Accident Reconstruction 10A
- April 2005 **North Coast Polytechnic Institute & Michigan State University**
Course Study: Bio-Mechanics in Accident Reconstruction / Accident Reconstruction 10B
- April 2006 **Visual Statement INC. BC Canada/Training for Vista FX 2 Software**
Course Study: Diagramming and 3D Animation Software for Accident Reconstruction
- September 2006 **Vetronix Corporation & Crash Safety Institute**
Course Study: Crash Data Recorder System Technician Training
- September 2006 **Vetronix Corporation & Crash Safety Institute**
Course Study: Crash Data Recorder Data Analyst Training. Evaluation of Recovered CDR Data.
- August 2009 **Bosch Crash Data Retrieval Tool**
Course Study: Crash Data Recorder Data Analyst Training, Evaluation of Recovered CDR Data.
- April 2011 **ARAS 360 Technologies Inc. Training**
Course Study: Diagramming, 3D Animation & Simulation software training for accident reconstruction.
- July 2011 **Bosch Crash Data Retrieval Tool Update 4.0**
Course Study: Update for Crash Data Retrieval Analyst Training, Evaluation of recovered CDR data.
- May 2012 **ARAS Technologies Inc. Training**
Course study: ARAS 360 HD: Animation and simulation software training for accident reconstruction.
- May 2012 **Michigan State University Highway Traffic Safety Program**
Course study: Case Studies with the Event Data Recorder.
- May 2014 **Michigan Association of Traffic Accident Investigators Conference**
Additional Research & Data Collection
- January 2018 **Institute of Police Technology and Management, University of North Florida**
Course Study: Event Data Recorder Use in Traffic Accident Reconstruction
- November 2019-2025 **BERLA iVE Forensics Certification – Certified Vehicle System Forensic Technician**
Identification & Acquisition of Electronic Data from Vehicle Infotainment & Telematic Systems
- November 2019-2025 **BERLA iVE Forensics Certification – Certified Vehicle System Forensic Examiner**
Acquisition & Analysis of Vehicle Electric Data from Infotainment and Telematics Systems
- October 2022 **Society of Automotive Engineers Professional Development Program**
Accident Reconstruction with Autonomous Vehicles & Advanced Driver Assistance Systems.
- October 2022 **International Association of Special Investigation Unit**
Schoolcraft College, Livonia, Michigan
 Seminar presentation on Staged Accident Investigation and the use of electronic investigative tools.
- October 2023 **International Association of Special Investigation Unit**
 Presentation on Vehicle Forensic Systems and their use in accident reconstruction and fraud investigation.

INSTRUCTOR FOR:

- 1996 to 2005 **Macomb Community College Criminal Justice Training Center**
 Instructor for Evidence Technician Training Course: Accident Scene Documentation
 Instructor for Basic Police Academy: Crime Scene & Accident Scene Documentation

INSTRUCTOR FOR: (continued)

- 2003 to 2007 **Macomb Community College Criminal Justice Training Center**
 Instructor for Basic Detective School
 Accident and Crime Scene Evidence Collection and Documentation

- April 2005 **Wayne State University School of Medicine Medicolegal Investigation of Death (Dr. Werner Spitz)**
 Guest Lecturer
 Presentation of Current Technology and Techniques for Accident Investigation and other Crime Scenes.

COURT QUALIFICATIONS:

- 3/1/2000 People v Phillip Frederick. City of Roseville, Michigan. 39th District Court. Judge Boedecker.
 Negligent Homicide Preliminary Examination. Expert in Accident Reconstruction.

- 4/10/2001 People v Kati Nashlouck. Macomb County 16th Judicial Circuit Court. Judge Montgomery.
 OUID Causing Serious Injury Trial. Expert in Accident Reconstruction.

- 7/3/2001 People v Patterson. City of Warren, Michigan 37th District Court. Judge Chumura.
 Manslaughter Preliminary Examination. Expert in Accident Reconstruction.

- 12/7/2001 People v Patterson. County of Macomb. 16th Judicial Circuit Court. Judge Montgomery.
 Manslaughter / Trail. Expert in Accident Reconstruction.

- 2/20/2002 People v Thiemky. County of Macomb. 16th Judicial Circuit Court. Judge Chzanowski
 Fleeing the scene of a Fatal Accident / Trial. Expert in Accident Reconstruction.

- 7/30/2022 People v Kue. City of Warren. 37th District Court.
 Preliminary Examination. 2nd Degree Murder. Expert in Accident Reconstruction.

- 9/27/2002 People v Brian Smith. County of Macomb 16th Judicial Circuit Court. Judge Chranowski.
 Manslaughter / Trial. Expert in Accident Reconstruction.

- 4/7/2003 People v Bean. City of Warren 37th District Court. Judge Gruenberg.
 Preliminary Examination Manslaughter. Expert in Accident Reconstruction.

- 1/13/2004 People v Bean. County of Macomb 16th Judicial Circuit Court Judge Matthew Switalski
 Manslaughter Trial. Expert in Accident Reconstruction.

- 11/18/2004 People v Nakawi Kue. City of Warren 37th District Court. Judge Gruenberg.
 2nd Degree Murder Preliminary Examination. Expert in Accident Reconstruction.

- 7/2006 People v Cates. City of Warren 37th District Court. Visiting Judge Sherman Faunce.
 2nd Degree Murder, Preliminary Examination. Expert in Accident Reconstruction.

- 3/1/2007 People v Aaron Liggons. County of Macomb 16th Judicial Circuit Court. Judge Mark S. Switalski
 Attempted Murder w/Motor Vehicle Trial. Expert in Accident Reconstruction.

- 1/15/2009 People v Wanda Renee Jackson-Bates. City of Detroit 36th District Court. Judge Kenneth King
 Insurance Fraud / Preliminary Examination. Expert in Accident Reconstruction.

- 7/2/2014 Wilder v Zimmerman. Count of Macomb 16th Circuit Court. Judge Jennifer Faunce.
 Injury / Liability. Expert in Accident Reconstruction.

- 6/18/2015 Pratt v Cushard. County of Macomb 16th Circuit Court. Judge Jennifer Faunce.
 Expert in Accident Reconstruction.

- 3/20/2017 Asima Kahn v Prashant Patel. County of Oakland 6th Circuit Court. Judge Michael Warren.
 Expert in Accident Reconstruction.

- 5/8//2017 State Farm v. Barbara Almond. Circuit Court of Cook County, Illinois. Judge Pamela Myerson.
 Expert in Accident Reconstruction.

COURT QUALIFICATIONS: (Continued)

- 3/6/2018 Melanie Barnes, Serena Allen, Richard Hampton and Masai Gooden v State Farm. 3rd Circuit Court, Wayne County, Michigan. Expert in Accident Reconstruction.
- 10/16/2018 Terrie Jezierski v Autumn Bow. County of Macomb 16th Circuit Court. Judge James Maceroni. Expert in Accident Reconstruction.
- 6/25/2019 Willis Henderson v State Farm Insurance Company. County of Wayne 3rd Circuit Court. Judge Susan Hubbard. Expert in Accident Reconstruction.
- 8/26/2021 Rami Saba v AAA Insurance. County of Macomb 16th Circuit Court. Judge James Biernat. Expert in Accident Reconstruction.
- 2/08/2022 Cheryl Smith v State Farm Insurance Company. Circuit Court of Cook County, Illinois. Judge Alison C. Conlon. Expert in Accident Reconstruction.
- 4/18/2022 Edward Bostic v State Farm Insurance Company. County of Washtenaw 22nd Circuit Court. Judge Timothy P. Connors. Expert in Accident Reconstruction.
- 11/4/2022 People of the State of Michigan v Wildonte Deameus. City of Detroit 36th District Court. Judge Ronald Giles. Preliminary Examination. Expert in Accident Reconstruction.
- 2/28/2023 People of the State of Michigan v Jantell Zollicoffer. City of Detroit 36th District Court. Judge Patricia Jefferson. Expert in Accident Reconstruction.

PROFESSIONAL ASSOCIATIONS:

Member - Michigan Association of Traffic Accident Investigators (MATAI)

Past Board Member. Developed the October 3, 2003 Fall Conference which emphasized Training for Accident Reconstruction, Specialist in Bio-Mechanics, Wound Patterns and Trace Evidence Recovery.

Member – SAE International (Society of Automotive Engineers)

Licensed Professional Investigator in the State of Michigan. License #PD-1924

Licensed Private Investigator in the State of Illinois.

License # 129-321335 Licensed Private Investigator in the State of Ohio. License # 200911105379

Licensed Private Investigator in the State of Indiana, License # P120700176

CERTIFICATIONS:

At-Scene Initial Traffic Crash Investigation

Advanced/Follow-up Crash Investigation

Photography for Traffic Crash Investigation

Lamp and Bulb Examination for Traffic crash Investigation

Tire Examination for Traffic Accident Investigation

Investigation of Motorcycle Crashes, Commercial Vehicle Crash Reconstruction

Traffic Crash Reconstruction

Night Visibility & Lighting Requirements

Pedestrian/Vehicle Collisions

CERTIFICATIONS: (Continued)

Damage & Energy Applications for Collision Reconstruction

Crash Data Retrieval & Interpretation of Event Data Recorder Data

Certified Forensic Examiner BERLA iVE Tool

Acquisition & Analysis of Vehicle Infotainment and Telematic Data

Bio-Mechanics in Traffic Crash Reconstruction

Traffic Crash Investigation Involving Alcohol & Other Drugs, Standardized Field Sobriety Training and Drug Recognition
 Emergency Vehicle Accident Investigation.

ADDITIONAL RESEARCH / DATA COLLECTION:

July 2001 **International Association of Accident Reconstruction Specialists Conference (IAARS).**

Conducted actual crash tests with vehicles equipped with Event Data Recorders comparing obtained data to known test information. Rollover Accidents and Roll Stability of Heavy Trucks. Utilization of 3D animations in accident reconstruction. Airbag systems and Roadside Safety Engineering.

June 2001 **Michigan Association of Traffic Accident Investigators Conference (MATAI)**

November 2001 **Michigan Association of Traffic Accident Investigators Conference**

October 2002 **Michigan Association of Traffic Accident Investigators Conference**

May 2003 **Michigan Association of Traffic Accident Investigators Conference**

October 2003 **Michigan Association of Traffic Accident Investigators Conference**

October 2006 **Michigan Association of Traffic Accident Investigators Conference**

May 2007 **Michigan Association of Traffic Accident Investigators Conference**

September 2007 **Michigan Association of Traffic Accident Investigators Conference**

May 2008 **Michigan Association of Traffic Accident Investigators Conference**

May 2009 **Michigan Association of Traffic Accident Investigators Conference**

May 2010 **Michigan Association of Traffic Accident Investigators Conference**

May 2011 **Michigan Association of Traffic Accident Investigators Conference**

October 2011 **Michigan Association of Traffic Accident Investigators Conference**

April 2013 **Michigan Association of Traffic Accident Investigators Conference** - Conferences included test crashes for Event Data Recorders, test crashes with Yaw & Roll Over Stability, Legal Aspects, Commercial vehicle brake, coefficient of friction and construction. Bio-Mechanics, Child Restraint Systems & other Accident Investigation Related Topics.

October 2016 **Michigan Association of Traffic Accident Investigators Conference – Pedestrian Collisions**

April 2017 **Michigan Association of Traffic Accident Investigators Conference – Pedestrian Collisions**

November 6, 2006 **Participant in Night Visibility study in cooperation with Michigan State Police and Detroit Police.**

July 19, 2009 **Michigan Arson Prevention Committee Live Burn Seminar.**

Participation in the live burning of automobiles and various other vehicles focusing on incendiary fires and accidental fire investigation.

ADDITIONAL RESEARCH / DATA COLLECTION: (Continued)

August 27, 2010

Michigan Arson Prevention Committee Structural and Vehicle Arson Seminar.

Participation in the live burning of structures, automobiles and other vehicles focusing on incendiary fires and accidental fire investigation.

June 2012

Michigan Arson Prevention Committee Structural and Vehicle Arson Seminar.

Participation in the live burning of structures, automobiles and other vehicles focusing on incendiary fires and accidental fire investigation.

