



Michael A. Knox

Forensic Science & Crime Scene Consultant

CURRICULUM VITAE

Knox & Associates, LLC
P. O. Box 8081
Jacksonville, FL 32239
(904) 619-3063 (Office)
(904) 619-3073 (Fax)
(904) 422-6245 (Cell)
mike@knoxforensics.com
www.knoxforensics.com

Areas of Specialty

Firearms, Ballistics & Shooting Incident Reconstruction
Crime Scene Reconstruction
Death Investigations & Equivocal Death Analysis
Bloodstain Pattern Analysis

Summary of Qualifications

Fifteen Years of Law Enforcement Experience
Master of Science in Forensic Science
Bachelor of Science in Mechanical Engineering
Investigated & Reconstructed Hundreds of Traffic Crashes Including Over 100 Fatal & Life-Threatening Crashes
Handled 350+ Forensic Death Scene Investigations
Court-qualified Expert Witness in Firearms, Shooting Reconstruction, Crime Scene Reconstruction, Bloodstain Pattern Analysis, Photogrammetry & Traffic Accident Reconstruction

SUMMARY

Mr. Knox reconstructs crime scenes, particularly those involving gunfire, and is an expert in firearms, ballistics, crime scene reconstruction, shooting incidents, bloodstain pattern analysis, photogrammetry, evidence collection procedures, traffic accident reconstruction, and other related topics. Mr. Knox brings with him over 15 years of law enforcement experience in patrol, DUI enforcement, crime scene investigations, and traffic homicide investigations. Combined with an education in mechanical engineering, forensic science, and criminology, he is capable of reconstructing virtually any type of crime scene or traffic accident. He has reconstructed crime scenes and traffic accidents in Florida, Georgia, Alabama, Mississippi, Tennessee, South Carolina, Texas, Ohio, Indiana, Illinois, Pennsylvania, Massachusetts, New Jersey, Washington, Oregon, California, Minnesota, Alaska, Utah, and Montana. He has provided law enforcement training in Florida, Georgia, Missouri, Connecticut, Minnesota, Tennessee the United Arab Emirates, Peru, and the Republic of Georgia. Mr. Knox has testified at trial as an expert witness in state and federal courts in Florida, Georgia, Alabama, Mississippi, Texas, Minnesota, Illinois, and Alaska.

EDUCATION

Doctor of Philosophy (Candidate), Criminal Justice with Concentration in Behavioral Science, Nova Southeastern University (Dissertation Pending). Research-focused degree with emphasis in applied statistics & probability; research methods; data analysis; qualitative & quantitative measurement & analysis; and, program evaluation. Dissertation topic: Crime scene behaviors of school rampage shooters.

Master of Science, Forensic Science, University of Florida, 2012. General forensic science track with coursework in principles of forensic science; forensic medicine; blood distribution & spatter; forensic entomology; forensic anthropology; forensic toxicology; biological evidence & serology; laboratory QA/QC; and, scientific evidence & statistics.

Bachelor of Science, Mechanical Engineering, University of North Florida, 2010. Emphasis in engineering mechanics; fluids, thermodynamics, heat transfer & transport phenomena; mechanics of materials; dynamic systems; control systems; circuits; energy systems; machine design; computational methods; probability & statistics; economics; computer-aided design; solid modeling; finite-element modeling; and, robotics.

Associate in Science, Criminal Justice Technology, Florida Community College at Jacksonville, 2000.

ACCREDITATION & CERTIFICATION

- Certified Crime Scene Reconstructionist, IAI, 2011 – Present (Expires 2021)
- Accredited Traffic Accident Reconstructionist, ACTAR, 2001 – 2016
- Certified Glock Armorer/Advanced Glock Armorer, Glock Perfection, Inc., 2011 – Present (Expires 2021)

PROFESSIONAL EXPERIENCE

- Forensic Consultant/Owner, Knox & Associates, LLC, Jacksonville, FL, 2008 – Present
- Detective/Police Officer, Jacksonville Sheriff's Office, Jacksonville, FL, 1994 – 2010 (*Patrol, DUI Enforcement Unit, Crime Scene Unit, Traffic Homicide Unit*)

PROFESSIONAL ASSOCIATION MEMBERSHIPS

- Association for Crime Scene Reconstruction
- International Association for Identification
- American Society of Criminology
- American Society of Mechanical Engineers

AREAS OF STUDY & RESEARCH

- Statistical & Research Methods in Crime Scene/Shooting Incident Reconstruction
- Computational Analysis in Crime Scene/Shooting Incident Reconstruction
- Applied Ballistics in Shooting Incident Reconstruction
- Firearms Engineering, Testing & Analysis in Shooting Incident Reconstruction
- Kinematic Biomechanics in Shooting Incident Reconstruction
- Human Factors in Shooting Incident Reconstruction

COMPUTATIONAL SKILLS & EXPERIENCE

- Mac OS X, Linux & Microsoft Windows Operating Systems
- Command Line Proficiency
- CAD/Drafting with Various Proprietary and Open Source CAD Packages
- 3D Modeling with Google Sketchup, Pro/E
- FEM/FEA with NX6-Ideas
- Programming with R, Python, MATLAB, C/C++, BASIC
- Web Development with HTML, CSS, PHP, JavaScript
- Photogrammetry using Photomodeler
- Image, Video & Audio Analysis & Enhancement Using Computational Tools
- Specialize in Computational Analysis in Firearms & Crime Scene Reconstruction

PROFESSIONAL TRAINING

Glock Advanced Armorer's Course, Glock Professional, Inc., 16 hours (Smyrna, GA, 2016)

Glock Advanced Armorer's Course, Glock Professional, Inc., 16 hours (Smyrna, GA, 2011)

Street Survival Seminar, Calibre Press, Inc., 16 hours (Myrtle Beach, SC, 2011)

	<p><i>Optics, Lighting, & Visibility for the Forensic Investigator</i>, Clearly Visible Presentations, 32 hours (West Chester, OH, 2011)</p> <p><i>Glock Armorer's Course</i>, Glock Professional, Inc., 8 hours (Smyrna, GA, 2011)</p> <p><i>Occupant Kinematics for the Traffic Crash Investigator</i>, IPTM, 40 hours (Jacksonville, FL, 2010)</p> <p><i>Investigation & Inspection of Commercial Vehicle Accidents</i>, IPTM, 40 hours (Jacksonville, FL, 2010)</p> <p><i>Collision Reconstruction Using PhotoModeler</i>, EOS Systems, Inc., 24 hours (Chicago, IL, 2009)</p> <p><i>Advanced Roadside Impaired Driving Enforcement</i>, IPTM, 16 hours (Jacksonville, FL, 2008)</p> <p><i>Traffic Engineering for Police</i>, IPTM, 16 hours (Jacksonville, FL, 2007)</p> <p><i>Methodology & Techniques of Crash Data Retrieval</i>, IPTM, 24 hours (Jacksonville, FL, 2007)</p> <p><i>Homicide Investigation</i>, IPTM, 40 hours (Jacksonville, FL, 2006)</p> <p><i>Advanced Bloodstain Pattern Analysis</i>, IPTM, 40 hours (St. Petersburg, FL, 2006)</p> <p><i>Crime Scene Reconstruction of Shooting Incidents</i>, IPTM, 40 hours (Maitland, FL, 2006)</p> <p><i>Firearms Instructor</i>, NE Fla. Crim. Just. Training Ctr., 44 hours (Jacksonville, FL 2005)</p> <p><i>Digital Photography for Law Enforcement</i>, IPTM, 24 hours (Jacksonville, FL, 2005)</p> <p><i>Vehicle Operations Instructor</i>, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL, 2004)</p> <p><i>Applied Physics for Traffic Accident Reconstruction</i>, IPTM, 40 hours (Jacksonville, FL, 2004)</p> <p><i>Field Training Officer</i>, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL 2003)</p> <p><i>Bloodstain Pattern Analysis</i>, IPTM, 40 hours (St. Petersburg, FL, 2003)</p> <p><i>Crime Scene Reconstruction</i>, IPTM, 40 hours (Jacksonville, FL, 2002)</p> <p><i>Instructor Techniques</i>, NE Fla. Crim. Just. Training Ctr., 80 hours (Jacksonville, FL, 2002)</p> <p><i>Hazardous Materials/Weapons of Mass Destruction</i>, Jacksonville Regional Fire-Rescue Trg. Ctr., 40 hours (Jacksonville, FL, 2001)</p> <p><i>Scene Mapping Using Speed Lasers</i>, IPTM, 40 hours (Jacksonville, FL, 2001)</p> <p><i>Light Energy Applications for Law Enforcement</i>, IPTM, 24 hours (Jacksonville, FL, 2001)</p>
--	---

	<p><i>DUI Instructor Update</i>, IPTM, 16 hours (Jacksonville, FL, 2001)</p> <p><i>Crime Scene Processing Workshop</i>, IPTM, 40 hours (Jacksonville, FL, 2000)</p> <p><i>Crime Scene Techniques for Buried Bodies & Surface Skeletons</i>, IPTM, 40 hours (Jacksonville, FL, 2000)</p> <p><i>Interviewing Techniques for the Traffic Accident Investigator</i>, IPTM, 24 hours (Jacksonville, FL, 1999)</p> <p><i>Police Traffic Radar Instructor</i>, IPTM, 40 hours (Jacksonville, FL, 1999)</p> <p><i>Traffic Accident Reconstruction</i>, IPTM, 80 hours (Jacksonville, FL, 1999)</p> <p><i>Motorcycle Accident Investigation</i>, IPTM, 40 hours (Jacksonville, FL, 1998)</p> <p><i>Pedestrian & Bicycle Accident Investigation</i>, IPTM, 40 hours (Jacksonville, FL, 1998)</p> <p><i>Investigation & Inspection of Commercial Vehicle Accidents</i>, IPTM, 40 hours (Jacksonville, FL, 1998)</p> <p><i>Advanced Traffic Accident Investigation</i>, IPTM, 80 hours (Jacksonville, FL, 1998)</p> <p><i>Traffic Homicide Investigation</i>, IPTM, 40 hours (Jacksonville, FL, 1998)</p> <p><i>Traffic Enforcement's Role in Community Policing</i>, IPTM, 8 hours (Orlando, FL, 1997)</p> <p><i>Mobile Videotaping Instructor Course</i>, IPTM, 40 hours (Jacksonville, FL, 1997)</p> <p><i>At-Scene Traffic Accident/Traffic Homicide Investigation</i>, IPTM, 80 hours (Jacksonville, FL, 1997)</p> <p><i>Investigative Interview</i>, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL, 1997)</p> <p><i>DUI Case Preparation & Courtroom Testimony</i>, IPTM, 40 hours (Daytona Beach, FL, 1996)</p> <p><i>DUI Instructor Course</i>, IPTM, 40 hours (Jacksonville, FL, 1996)</p> <p><i>In-Car Video Requirements for DUI Enforcement</i>, IPTM, 8 hours (Jacksonville, FL, 1996)</p> <p><i>Radar Speed Measurement</i>, Northeast Florida Criminal Justice Training Center, 40 hours (Jacksonville, FL, 1996)</p> <p><i>DUI Detection & Standardized Field Sobriety Testing</i>, IPTM, 24 hours (Jacksonville, FL, 1996)</p> <p><i>Criminal Patrol Drug Enforcement</i>, IPTM, 40 hours (Jacksonville, FL, 1996)</p> <p><i>Basic Evidence Technician</i>, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL, 1996)</p>
--	---

Concealment Areas Within a Vehicle, IPTM, 16 hours (Jacksonville, FL, 1996)

Case Preparation & Courtroom Testimony, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL, 1995)

Advanced Report Writing & Review, NE Fla. Crim. Just. Training Ctr., 40 hours (Jacksonville, FL, 1995)

Police Officer Indoctrination Training, NE Fla. Crim. Just. Training Ctr., 200 hours (Jacksonville, FL, 1995)

Verbal Judo: Train the Trainer, IPTM, 40 hours (Jacksonville, FL, 1994)

Street Survival Seminar, Calibre Press, Inc., 24 hours (Myrtle Beach, SC, 1994)

Street Gangs Identification & Investigation, IPTM, 40 hours (Jacksonville, FL, 1994)

Basic Law Enforcement, St. Augustine Crim. Just. Training Ctr., 762 hours (St. Augustine, FL, 1994)

PEER-REVIEWED JOURNAL ARTICLES & TECHNICAL PAPERS

Knox, Michael A. "Forensic Engineering Analysis Methods Employed for the Purpose of Determining the Location of a Long-Range Shooter Based on Terminal Bullet Trajectory." *Proceedings of the ASME 2012 International Mechanical Engineering Congress & Exposition*, November 15-21, 2013, San Diego, California. New York: American Society of Mechanical Engineers.

Knox, Michael A. "Forensic Analysis of an Accidental Firearm Discharge Due to a Blow to an Exposed Hammer Spur." *Proceedings of the ASME 2012 International Mechanical Engineering Congress & Exposition*. November 9-15, 2012, Houston, Texas. New York: American Society of Mechanical Engineers, 2012.

Knox, Michael A. "Forensic Engineering Analysis of Ejected Cartridge Case Patterns for the Reconstruction of Firearms-Related Incidents." *Proceedings of the ASME 2012 International Mechanical Engineering Congress & Exposition*. November 9-15, 2012, Houston, Texas. New York: American Society of Mechanical Engineers, 2012.

Knox, Michael A. "Multivariable Monte Carlo Analysis Methods in Traffic Accident Reconstruction Using Python." *Proceedings of the ASME 2011 International Mechanical Engineering Congress & Exposition*. November 11-17, 2011, Denver, Colorado. New York: American Society of Mechanical Engineers, 2011.

Knox, Michael A. "Forensic Engineering Applications in Crime Scene Reconstruction." *Proceedings of the ASME 2010 International Mechanical Engineering Congress & Exposition*. November 12-18, 2010, Vancouver, British Columbia, Canada. New York: American Society of Mechanical Engineers, 2010.

BOOKS & BOOK CONTRIBUTIONS

Knox, Michael A. *Intermediate Range: The Forensic Evidence in the Killing of Trayvon Martin*. Jacksonville, FL: Crime Science Books, 2012.

LaForte, Michael F., and Knox, Michael A. *Crime Scene Processing 2.0*. Glen St. Mary, FL: Eagle Crime Scenes, Inc., 2008. Electronic media.

NEWSPAPER & PERIODICAL ARTICLES & COLUMNS

Knox, M. A. (2013, July 19). State botched presentation of evidence in Zimmerman trial. *Orlando Sentinel*. Retrieved from <http://www.orlandosentinel.com/news/opinion/os-ed-zimmerman-trial-evidence-071913-20130718,0,6303855.story>

REVIEWER EXPERIENCE

Technical paper reviewer for two papers submitted for the International Mechanical Engineering Congress & Exposition, American Society of Mechanical Engineers, 2012.

PRESENTATION, LECTURE & TEACHING EXPERIENCE

Adjunct Instructor, Forensic Technology Program, Keiser University (Jacksonville, FL, 2012).

Contract Forensic Technology Instructor with the Institute of Police Technology & Management; Sirchie Fingerprint Laboratories, Inc.; Professional Business Solutions, Inc.; and Eagle Crime Scenes, Inc. (2004 – Present).

Training Coordinator for the Jacksonville Sheriff's Office Crime Scene Unit (2003 – 2007).

Advisory Board Member for the Crime Scene Technology & Forensic Investigation Programs, Keiser University. (Jacksonville, FL, 2011 – Present).

COURSES, LECTURES & PRESENTATIONS

Shooting Incident Reconstruction, IPTM, 40 hours (Murfreesboro, TN, 2015)

Shooting Incident Reconstruction, IPTM, 40 hours (Jacksonville, FL, 2014)

Shooting Incident Reconstruction, IPTM, 40 hours (St. Paul, MN, 2014)

Shooting Incident Reconstruction, IPTM, 40 hours (Jacksonville, FL, 2013)

Human Factors in Crime Scene Reconstruction, ACSR, 4 hours (Atlanta, GA, 2013)

Cartridge Case Ejection Patterns: Probability Models Using Monte Carlo Analysis, ACSR, 1 hour (Atlanta, GA, 2013)

Crime Scene Reconstruction of Shooting Incidents, IPTM, 40 hours (Jacksonville, FL, 2012)

Reconstructing Criminal Events: The Human Perspective, Fla. Assoc. of Public Defenders, 6 hours (Naples, FL, 2012).

Forensic Investigations, Keiser University, Upper Division Undergraduate Course (Jacksonville, FL, 2012)

Shots Fired!: Forensic Reconstruction of Police-Involved Shootings, Int. Mun. Lawyer's Assoc., 1 hour (Washington, DC, 2012)

Shooting Incident Reconstruction, IPTM, 40 hours (Jacksonville, FL, 2011)

	<p><i>Crime Scene Reconstruction: Evidence Collected v. Evidence Presented</i>, Fla. Assoc. of Public Defenders, 6 hours (Destin, FL, 2011)</p> <p><i>Cartridge Case Ejection Patterns: Determining a Shooter's Location</i>, FDIAl/GDIAl Joint Educational Conference, 1 hour (Panama City Beach, FL, 2011)</p> <p><i>Evaluating Accuracy, Precision & Uncertainty in Crime Scene Reconstruction</i>, FDIAl/GDIAl Joint Educational Conference, 1 hour (Panama City Beach, FL, 2011)</p> <p><i>Crime Scene Processing Workshop</i>, IPTM, 40 hours (Jacksonville, FL, 2011)</p> <p><i>Shooting Incidents: A Primer for Claims Professionals</i>, Jacksonville Claims Assoc., 1 hour (Jacksonville, FL, 2011)</p> <p><i>Photogrammetry & 3D Computer Modeling for Crime Scene Reconstruction</i>, ASCR Annual Conf., 1 hour (Jacksonville, FL, 2011)</p> <p><i>Crime Scene Reconstruction of Shooting Incidents</i>, U.S. State Department/INL Under Contract with PBSI, 40 hours (Tbilisi, Republic of Georgia, 2011)</p> <p><i>Shooting Reconstruction Involving Vehicles</i>, IPTM, 12 hours (National CSI Camp, Lake of the Ozarks, MO, 2010)</p> <p><i>Basic Crime Scene & Evidence Procedures</i>, Fla. Assoc. of Public Defenders, 6 hours (Clearwater Beach, FL, 2010)</p> <p><i>Crime Scene Processing Workshop</i>, IPTM, 40 hours (Jacksonville, FL, 2010)</p> <p><i>Fundamentals of Crime Scene Technology</i>, Sirchie, 40 hours (Public Ministry, Chiclayo, Peru, 2010)</p> <p><i>Crime Scene Technology</i>, Sirchie, 3 hours (National Police, Lima, Peru, 2010)</p> <p><i>Fundamentals of Crime Scene Technology</i>, Sirchie, 40 hours (Public Ministry, Lima, Peru, 2010)</p> <p><i>Fundamentals of Crime Scene Technology</i>, Sirchie, 25 hours (Dubai Police, Dubai, UAE, 2010)</p> <p><i>At-Scene Traffic Accident/Traffic Homicide Investigation</i>, IPTM, 80 hours (Jacksonville, FL, 2010)</p> <p><i>Bloodstain Pattern Evidence at Crime Scenes</i>, Eagle Crime Scenes, Inc., 40 hours (Orange Park, FL, 2009)</p> <p><i>Scenario-Based Crime Scene Processing Exercises</i>, IPTM, 32 hours (Meriden, CT, 2009)</p> <p><i>Shooting Incident Reconstruction</i>, IPTM, 4 hours (Am. Crim. Just. Assoc. Nat. Conf., Jacksonville, FL, 2009)</p> <p><i>Crime Scene Reconstruction of Shooting Incidents</i>, Eagle Crime Scenes, Inc., 40 hours (NE Fla. Crim. Just. Trg. Ctr., Jacksonville, FL, 2007)</p> <p><i>Bloodstain Pattern Evidence at Crime Scenes</i>, Eagle Crime Scenes, Inc., 40 hours (NE Fla. Crim. Just. Trg. Ctr., Jacksonville, FL, 2005)</p>
--	--

Bloodstain Pattern Evidence at Crime Scenes, Eagle Crime Scenes, Inc., 40 hours (NE Fla. Crim. Just. Trg. Ctr., Jacksonville, FL, 2005)

Crime Scene Photography, Eagle Crime Scenes, Inc., 40 hours (Valdosta, GA, 2005)

Basic Crime Scene Processing Techniques, Eagle Crime Scenes, Inc., 40 hours (NE Fla. Crim. Just. Trg. Ctr., Jacksonville, FL, 2004)

Investigation & Reconstruction of Impaired Driving Collisions, IPTM, 3 hours (Jacksonville, FL, 2000)

TELEVISION, RADIO & PRINT MEDIA APPEARANCES

News4Jax. (Local). Interviewed for story on documents released in case involving plea deal over the death of a child. (Jacksonville, FL, Feb. 2016).

First Coast News. (Local). Live interview for news broadcast on plea deal in case involving the death of child. (Jacksonville, FL, Feb. 2016).

First Coast News. (Local). Interviewed for news story on forensic evidence in an undetermined death case. (Jacksonville, FL, Jan. 2016).

News4Jax. (Local). Interviewed for news story on discovery of remains in a missing child case. (Jacksonville, FL, Jan. 2016).

The Morning Show. (Local). Appeared as live commentator for story on rampage shooting at a church in Charleston, South Carolina. (Jacksonville, FL, Jun. 2015)

First Coast News. (Local). Interviewed for story on Jacksonville mother's quest to get back parts of her murdered daughter's body that are being kept as evidence. (Jacksonville, FL, Jan. 2015)

Action News Jacksonville. (Local). Interviewed about police use of deadly force. (Jacksonville, FL, Dec. 2014)

News4Jax.(Local). Interviewed about offenders using social media to post about their exploits. (Jacksonville, FL, Jul. 2014)

News4Jax. (Local). Interviewed for news feature entitled "Firearms 101". Explained basics of ammunition for segment. (Jacksonville, FL, Apr. 2014)

BBC (Great Britain). Appeared in documentary film entitled "Judgement," which was an episode of a series entitled *Life and Death Row*. Episode covered the trial of Guy Heinze, Jr., for the murders of eight members of his family. (London, Mar. 2014)

First Coast News. (Local). Interviewed about offenders using social media to post about their exploits. (Jacksonville, FL, Feb. 2014)

First Coast News. (Local). Interviewed about violent sexual predators. (Jacksonville, FL, Aug. 2013)

News4Jax. (Local). Interviewed about the lack of gunshot residue on the hands of a defendant in the shooting death of a toddler in Brunswick, Georgia. (Jacksonville, FL, Jul. 2013)

	<p><i>First Coast News</i>. (Local). Interviewed about social media used in criminal cases. (Jacksonville, FL, Jul. 2013)</p> <p><i>WILS 1320 with Michael Cohen</i>. (Local). Live telephone interview on talk radio station regarding the trial of George Zimmerman for the killing of Trayvon Martin. (Lansing, MI, Jul. 2013)</p> <p><i>News4Jax</i>. (Local). Interviewed about gunshot residue testing results in the killing of a toddler in Brunswick, Georgia. (Jacksonville, FL, Jul. 2013)</p> <p><i>Nancy Grace</i>. (National). Appeared as live guest for the trial of George Zimmerman for the killing of Trayvon Martin. (Jul. 2013)</p> <p><i>WPGI Local 10</i>. (Local). Interviewed in reference to the trial of George Zimmerman for the killing of Trayvon Martin. (Miami, FL, Jul. 2013)</p> <p><i>CBS News</i>. (National). Interviewed in reference to the trial of George Zimmerman for the killing of Trayvon Martin. (Jul. 2013)</p> <p><i>WKMG Local 6</i>. (Local). Provided live guest commentary and recorded interviews during the trial of George Zimmerman for the killing of Trayvon Martin. (Orlando, FL, Jul. 2013)</p> <p><i>News4Jax</i>. (Local). Interviewed about the kidnapping, rape & murder of 8-year-old Cherish Perrywinkle from a Walmart store. (Jacksonville, FL, Jun. 2013)</p> <p><i>The Morning Show</i>. (Local). Appeared as live guest regarding murders of Texas prosecutors. (Jacksonville, FL, Apr. 2013)</p> <p><i>Action News</i>. (Local). Appeared in news story by reporter Ryan Smith about new technology to help prevent police from losing or destroying evidence. (Jacksonville, FL, Feb. 2013)</p> <p><i>The Chicago Tribune</i>. (Local). Subject of column by Eric Zorn in reference to the Trayvon Martin/George Zimmerman case. (Chicago, IL, Feb. 2013)</p> <p><i>WKMG Local 6</i>. (Local). Appeared in two-part feature on Trayvon Martin/George Zimmerman case by reporter Tony Pippitone. (Orlando, FL, Feb. 2013)</p> <p><i>The Blaze</i>. (National). Quoted in article by Erica Ritz regarding comments by Jesse Jackson that assault weapons can shoot down airplanes. (Jan. 2013)</p> <p><i>Action News Sunday</i>. (Local). Appeared as guest of reporter Paige Kelton for interview on gun control and school security. (Jacksonville, FL, Jan. 2013)</p> <p><i>The Morning Show</i>. (Local). Appeared as live guest regarding Sandy Hook Elementary School shooting and school security issues. (Jacksonville, FL, Dec. 2012)</p> <p><i>News4Jax</i>. (Local). Interviewed about Sandy Hook Elementary School shooting and evidence on the shooter's computer and electronic devices. (Jacksonville, FL, Dec. 2012)</p> <p><i>Jane Velez-Mitchell</i>. (National). Appeared on live cable news broadcast as forensic expert regarding the February 2012 shooting of teenager Trayvon Martin by neighborhood watch volunteer George Zimmerman. Commented specifically on</p>
--	--

range of fire as noted in the autopsy report and on developing a timeline of the events. (May 2012)

Jane Velez-Mitchell. (National). Appeared on live cable news broadcast as forensic expert regarding case of a woman and her three daughters that were possibly abducted. (May 2012)

News4Jax. (Jacksonville, FL). Interviewed about computer hacker case for evening news. (Jacksonville, FL, Oct. 2011)

The Morning Show. (Local). Appeared as live guest regarding computer hacker case. (Jacksonville, FL, Oct. 2011)

The Morning Show. (Local). Appeared as live guest regarding deaths of police officers. (Jacksonville, FL, Jan. 2011)

The Morning Show. (Local). Appeared as live guest regarding Ohio police-involved shooting. (Jacksonville, FL, Jan. 2011)

The Morning Show. (Local). Appeared as live guest discussing the "Grim Sleeper" serial killer case and the use of familial DNA to solve crimes. (Jacksonville, FL, Jul. 2010)

Action News. (Local). Interviewed for evening news broadcast regarding text message threats sent to high school students. (Jacksonville, FL, Jun. 2010)

PUBLIC SERVICE APPEARANCES

University of North Florida. (Jacksonville, FL). Presentation to undergraduate criminal justice majors. (Jacksonville, FL, Oct. 2014).

University of North Florida. (Jacksonville, FL). Presentation to undergraduate criminal justice majors. (Jacksonville, FL, Apr. 2014).

Sisters in Crime. (Jacksonville, FL). Presentation to crime writer's group. (Jacksonville, FL, Nov. 2012)

Keiser University. (Jacksonville, FL). Guest speaker for forensic technology program. (Jacksonville, FL, Mar. 2012)

Keiser University. Guest speaker for forensic technology program. (Jacksonville, FL, Jul. 2010)

Sisters In Crime. Presentation to crime writer's group. (Jacksonville, FL, Feb. 2010)

EXPERT TESTIMONY COURTROOM QUALIFICATIONS*

1st Judicial Circuit of Florida, Escambia County, Pensacola, Florida

2nd Judicial Circuit of Florida, Leon County, Tallahassee, Florida

3rd Judicial Circuit of Florida, Columbia County, Florida

4th Judicial Circuit of Florida, Duval County, Jacksonville, Florida

4th Judicial Circuit of Florida, Nassau County, Yulee, Florida

4th Judicial Circuit of Florida, Clay County, Green Cove Springs, Florida

5th Judicial Circuit of Florida, Marion County, Ocala, Florida

5th Judicial Circuit of Florida, Citrus County, Inverness, Florida

6th Judicial Circuit of Florida, Pinellas County, Clearwater, Florida

7th Judicial Circuit of Florida, St. Johns County, St. Augustine, Florida

7th Judicial Circuit of Florida, Volusia County, Daytona Beach, Florida
 7th Judicial Circuit of Florida, Volusia County, Deland, Florida
 9th Judicial Circuit of Florida, Osceola County, Kissimmee, Florida
 9th Judicial Circuit of Florida, Orange County, Orlando, Florida
 10th Judicial Circuit of Florida, Polk County, Bartow, Florida
 11th Judicial Circuit of Florida, Miami-Dade County, Miami, Florida
 15th Judicial Circuit of Florida, Palm Beach County, West Palm Beach, Florida
 17th Judicial Circuit of Florida, Broward County, Fort Lauderdale, Florida
 18th Judicial Circuit of Florida, Seminole County, Sanford, Florida
 19th Judicial Circuit of Florida, St. Lucie County, Fort Pierce, Florida
 U.S. District Court, Northern District of Alabama, Tuscaloosa, Alabama
 U.S. District Court, Northern District of Illinois, Chicago, Illinois
 U.S. District Court, District of Minnesota, St. Paul, Minnesota
 U.S. District Court, Western District of Pennsylvania, Pittsburgh, Pennsylvania
 27th Judicial District of Texas, Bell County, Belton, Texas
 3rd Circuit Court of Mississippi, Tippah County, Ripley, Mississippi
 Glynn County Superior Court, Glynn County, Brunswick, Georgia
 Fulton County Superior Court, Fulton County, Atlanta, Georgia
 Circuit Court of Cook County, Chicago, Illinois
 Circuit Court of Montgomery County, Montgomery, Alabama
 Superior Court of Alaska, Third Judicial District, Anchorage, Alaska
 Department of the Navy, Navy-Marine Corps Trial Judiciary, Southern Judicial
 Circuit, General Court-Martial, Naval Station Mayport, Jacksonville, Florida

**List of jurisdictions in which expert testimony has been given in court. Testimony has been given multiple times in some jurisdictions. Expert testimony has been in the areas of crime scene reconstruction, traffic accident reconstruction, firearms, ballistics, shooting incidents, human factors, bloodstain pattern analysis, photogrammetry, forensic science, crime scene procedures, and crime scene behaviors of homicide offenders.*

AWARDS & RECOGNITION

Heart of MADD Award. Mothers Against Drunk Driving (Jacksonville, FL, 2008)

Heart of MADD Award. Mothers Against Drunk Driving (Jacksonville, FL, 2007)

Police Officer of the Month. Jacksonville Sheriff's Office (Jacksonville, FL, 2006)

Certificate of Commendation. Jacksonville Sheriff's Office (Jacksonville, FL, 2002)