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CURRICULUM VITAE

JOHNNY C. LAWRENCE

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Job Title

Berry-Waltz Investigations (BWI) -

Tennessee Private Investigator - April 2017 - Present

Crime Scene Investigation/Reconstruction Specialist - April 2017 - Present

Nashville Investigative Services (NIS) -

Tennessee Private Investigator - August 20th 2013 – April 2017

Crime Scene Investigation/Reconstruction Specialist - August 20th, 2013 – April 2017

Nashville Metropolitan Police Department (NMPD) -

Nashville Metropolitan Police Officer – November 16th, 1981 – September 3rd, 2012
(Retired)

Experience

Over 30 years in Law Enforcement with experience in Criminal Investigations – (1981-2012)

Currently 42 years in Crime Scene Investigations – (1982–2024)

April 2017 – Present

***Berry Waltz Investigations (BWI)
Franklin, Tennessee***

- ***PRIVATE INVESTIGATOR / CRIME SCENE RECONSTRUCTION SPECIALIST***

Private Investigations – Criminal and Civil cases

Crime Scene reconstruction and investigations

Expert witness in Crime Scene reconstruction, investigations, and Bloodstain Pattern analysis and interpretation.

Shooting reconstruction, Accident scene investigations, and questionable death investigations.

April 2013 – April 2017

***Nashville Investigative Services, LLC
Antioch, Tennessee***

- ***CEO / OWNER of COMPANY***

Private Investigations – Criminal and Civil investigations

Process Service

Surveillance

Crime Scene investigations and consulting

Expert witness in Crime Scene reconstruction, investigations, and bloodstain pattern analysis and interpretation.

June 1998 – September 2012 – (Till Retirement)

***Nashville Metropolitan Police Department
Nashville, Tennessee***

• ***IDENTIFICATION / CRIME SCENE SPECIALIST***

Technical Investigations Division as a Identification and Crime Scene Specialist. Handled all types of cases including Burglaries, Robberies, Homicides, Suicides, Natural and Accidental Deaths, Questionable Deaths, Bombings, Serial Killings, Workplace Accidents, Traffic Accidents and Deaths, Cold Case Investigations, Internal investigations, and Buried bodies and recovery. Involved and lead in Death investigation reconstruction, Traffic Accident and Crime Scene reconstruction. This would include Bloodstain pattern identification and analysis, Shooting reconstruction, and CAD drawing and investigations. Also included was Lab work involving chemical processing, fingerprint collection and comparison, Crime Scene photography and also Lab photography.

October 1989 – June 1998 –

***Nashville Metropolitan Police Department
Nashville, Tennessee***

• ***HOMICIDE / PERSONAL CRIMES DETECTIVE***

Handled all types of personal crime investigations including Homicides, Assaults, Robberies, Sexual Assaults, Kidnappings, Serial Killings, Bombings, Accidental and Natural Deaths, Workplace Accidents and Deaths, Suicides, Questionable Deaths, Child Abuse and Deaths, Cold Case investigations, and including Domestic Assaults including Deaths.

I would also be asked to investigate Police Department internal affairs investigations.

The homicide Department is a 24/7 investigative section. I was acting supervisor on the 3rd shift for 1 year.

I was lead Detective on over 100 homicides and assisted other Detectives with many more with tasks including interviews, interrogations, surveillance, and investigations.

November 1981 – October 1989 –

***Nashville Metropolitan Police Department
Nashville, Tennessee***

- ***PO-I / PO-II - PATROL OFFICER***

General Law Enforcement duties which include radio calls involving Burglaries, Shootings, Robberies, Traffic Accidents, etc.

Interviewing and investigations of all types of crimes and follow ups.

Training in Domestic Situations, Child Abuse, Hostage and Negotiations situations, Traffic Enforcement and Accident investigations, Interviewing techniques, arrest and Courtroom testimony, follow up investigations, evidence documentation and handling.

Education and Training

1990 – Williams Homicide Seminar – Albany, New York

1991 – Practical Homicide Investigations – Vernon Geberth

1998 – Basic Crime Scene Investigations / Identification Officer Training - MNPd

2000 – Crime Scene Lab Investigations – Chemical Processing and Photography – MNPd

2002 – Bombing and Mass Destruction Seminar – Working Scenes – MNPd and ATF

2002 – 40 hour Basic Bloodstain Course – TBI Headquarters, Nashville – Jerry Findley (Georgia)

2003 – Shooting Reconstruction / Police Involved Shootings – MNPd – Ed Hueske (Texas)

2003 – Became certified member of IABPA – International Association of Bloodstain Pattern Analysts - # 1851

2005 – Crime Scene Reconstruction with Bloodstain Investigations – Tom Bevel – Vicksburg, Mississippi

2011 – Became Full member IABPA – For recognition in Courtroom testimony and instructing

2012 – West Virginia extended learning courses

- a. Bloodstain Pattern, Shooting Reconstruction, and DNA
- b. Crime Scene Reconstruction

2012 – DNA Basic Training – TBI

2012 – Crime Scene Photography

Lab Chemical Processing

Fingerprint Comparison and Identification

2013 – IABPA Training Conference – San Diego, California

- a. Forensic Pathology
- b. Bloodstain Pattern Identification and Classification
- c. Distinctions: Bloodstain Pattern Analysis and Interpretation vs. Scene Reconstruction
- d. BPA – Experts in Court
- e. Reliability of Current Methods in BPA
- f. Quantitative Analysis of High Velocity Bloodstain Patterns
- g. Study of Flight Motion of Blood
- h. Does the Non-Spherical Shape of a Spatter drop affect its Trajectory?
- i. Investigation of Impact Spatter and the Effects of Controlled Independent Variables
- j. Fluid Dynamics Aspects of Bloodstain Pattern Analysis
- k. Estimating the age of a Bloodstain
- l. Necessity of BPA in Forensic Medicine
- m. The Interaction of Blood with Fabrics
- n. BPA for Drip Stains on Bed Sheetting
- o. Workshop – How do we reach conclusions about pattern classification in BPA?
- p. BPA Case Studies – Stuart James
- q. Workshop – Forensic Pathology
- r. Context Bias in BPA – How much information is too much?

2015 – Bloodstain / Crime Scene Examination Studies

- a. After the fact Scene Examinations
- b. Is it what it is? How to make a determination

2015 – Tennessee Association of Licensed Professional Investigators – (TALPI)

- a. Insurance Fraud
- b. Cyber Crimes
- c. Investigating Fraud

- d. Handwriting Identification
- e. Crime Scene Investigation – Focus on Bloodstain Analysis

2016 – IABPA Training Conference – Salt Lake City – Utah

- a. Limitations Associated with BPA on Fabrics
- b. Properties of Blood for the Bloodstain Analysis
- c. Sequencing Bloodstain Patterns

2017 – IABPA Training Conference – Redondo Beach, California

- a. Blood and Bodily Fluids screening
- b. Molecular Method – Determine wound of origin of Bloodstains
- c. Investigations of Impact Spatter on Assailants clothing caused by different impacts
- d. Recommendations for Contextual information management
- e. Probabilistic Bloodstain Pattern Interpretation
- f. Case Examination – San Bernardino Terror Attack
- g. A paradigm shift for Bloodstain Pattern Analysis Methodology
- h. Case Examination – Reconstruction of a Homicide
- i. Inside the DNA testing Laboratory
- j. BPA Documentation from Analysis to Courtroom
- k. Pathology of wounds
- l. Fundamentals of Fluid Dynamics
- m. Case Examinations and Discussions – Stuart James
- n. Case Examination – Grim Reaper Serial murders
- o. Microscopic Characteristics of Spatter vs Transfer Stains
- p. Forensics in the Courtroom
- q. Fluid Dynamics – Advances in Gunshot Back Spatter – Modeling and Reconstruction
- r. Case Examination – Slugger Slaying
- s. Error and Uncertainty in BPA

2017 – TALPI Continued Education Conference

- a. Lawful use of force for Private Investigators
- b. Digital Forensic Investigations
- c. Understanding Social Media – Benefits
- d. Understanding Contextual Bias

2018 – International Crime Scene Investigators Association Conference - (ICSIA)- Nashville, Tennessee

- a. Blood Pattern Analysis in Violent Crimes
- b. Scent Evidence
- c. T3D Technologies in Criminal Investigations
- d. Improved Explosive Devices – Crime Scenes
- e. Forensic Anthropology For CSI's
- f. Remains Recovery and ID – World Trade Center

- g.** Behavioral Analysis within the Crime Scene
- h.** Digital Forensic Evidence Collection
- i.** Murder/Crime Scene Investigation – Chris Kyle murder scene
- j.** Staged Crime Scenes – Are They Real?
- k.** Forensic Entomology
- l.** CSI in Court – How to communicate with Jurors
- m.** Reconciling the facts in Death Scenes
- n.** Using Technology to Combat the CSI effect
- o.** Investigation/Documentation – Domestic Violence Strangulations
- p.** What do the DNA results really mean?
- q.** Prediction of Human Physical appearance DNA

2019 – TALPI Continued Education Conference

- a.** Introduction to Digital Forensics
- b.** Active Shooter Preparedness
- c.** False Identification Detection
- d.** Courtroom Testimony for the Investigator

2020 – IABPA Continued Education

- a.** Scientific Foundations for Bloodstain Pattern Analysis

2020 – ICSIA – Case Study

- a.** An Unusual Indicator of Scene Staging – Ed Hueske

2021 – Fire Scene Reconstruction and Training

- a.** August 20th – Fire Scene involving Death – Possible Homicide – Stuart Bayne
- b.** August 21st – Fire Scene – Possible Accidental - Stuart Bayne

2021 – CTS – Forensics Proficiency Testing – August 2nd, 2021

2023 - ICSIA – International Crime Scene Investigators Association

Webinar Class and Discussion
Determining Bullet Impact Angle

2023 – IABPA – (FSI) Forensic Science International – Training/Research

- a.** Firearms as a blunt weapon
- b.** Behavioral information in Crime Scene Investigations
- c.** Bloodstain Pattern Analysis in Reconstructing a Murder Scene
- d.** Bloodstain Patterns – Research – Impact Beating Spatters
- e.** Influence of Fabric Surface Characteristics on Satellite Bloodstain Morphology
- f.** Bloodstain Patterns – Research – Gunshot Backspatters
- g.** Applying Archaeology to Fire Investigation Techniques

2023 – Training Institute on Strangulation Prevention
Investigating Strangulation

Instructor / Teaching

1996 – Metro PD In-Service – Working Crime Scenes
and Homicides - **Instructor/Teaching**

1998 – Metro PD In Service – Working Crime Scenes –
Instructor/Teaching

2003 – Bloodstain Pattern Recognition and
CAD Program
Documentation – ID Personnel - **Instructor/Teaching**

2003 – CAD programming and Crime Scene Drawings –
ID Personnel - **Instructor/Teaching**

2005 – Williamson County PD In-Service Classes –
Bloodstain Pattern Recognition and Understanding –
Instructor/Teaching

2007 – MNPD Training Classes – Bloodstain Pattern
Recognition And Understanding – MNPD Detectives –
Instructor/Teaching

2010 – IAI Annual Conference – TBI Headquarters –
Nashville, Tn 2 Hour class – Bloodstain Pattern
Recognition and Understanding – **Instructor/Teaching**

2011 – 2 classes – 8 hours Bloodstain Identification –
For Detectives, Officers, and District Attorneys – MNPD
Instructor/Teaching

2011 – Training – Bloodstain Training 8 ½ hours –
Bloodstain, Backtrack CAD Program, Working Stains –
ID Personnel - **Instructor/Teaching**

2012 – Bloodstain Training and Back Track CAD Program
Training – MNPD – January – ID Personnel – **Instructor/Teaching**

- 2012** - Bloodstain Training and Back Track CAD
Program Training –MNPd – April – ID Personnel –
Instructor/Teaching
- 2015** – TALPI Continued Education Conference
Crime Scene Investigations focusing on Bloodstain
Pattern Analysis – **Instructor/Teaching**
- 2017** – TALPI Continued Education Conference
Understanding Contextual Bias and how to avoid it –
Instructor/Teaching
- 2019** – TALPI Continued Education Conference
Crime Scene Investigations – Understanding the Scene
Skip Tracing – Finding the hard to find –
Instructor/Teaching
- 2020** – Tennessee Association of Criminal Defense Lawyers
(TACDL) – Knoxville, Tennessee
Crime Scene Investigations/Reconstruction –
Instructor/Teaching
- 2023** – TALPI Continued Education Conference
Crime Scene Investigations – Using Specialized Resources

Courtroom Testimony

Currently, have testified in the following type Courts;

Traffic Court
General Sessions
Criminal Court
Circuit Court
Suppression and Motion Hearings
Federal Court
Civil Court

**** Majority of Courtroom testimony has been in Criminal Court ****

Homicide Testimony in Tennessee and Pennsylvania

- 2009** – Expert Testimony in Davidson County Criminal Court (Nashville).
Domestic Kidnapping case.
Crime scene investigation with emphasis on bloodstain patterns (**Prosecution**)
Judge Watkins – **DISPOSITION - GUILTY**
- 2010** – Expert testimony in Williamson County Criminal Court (Spring Hill).
Domestic Homicide case – 1st degree
Crime scene investigations & bloodstain pattern interpretation. (**Prosecution**)
Judge Bivins – **DISPOSITION - GUILTY**
- 2014** – Expert testimony in Williamson County Criminal Court (Brentwood).
Domestic Homicide case – 1st degree
Crime scene investigations, reconstruction, and bloodstain pattern
Interpretation and analysis. (**Prosecution**)
Judge Binkley – **DISPOSITION - GUILTY**
- 2015** – Expert testimony in Shelby County Criminal Court (Memphis).
Double Homicide case – 1st degree (x2)
Crime scene investigations, reconstruction, and bloodstain pattern
Interpretation and analysis. (**Defense**)
Judge Blackett - **DISPOSITION – NOT GUILTY ALL COUNTS**
- 2015** – Expert testimony in Hickman County Criminal Court (Centerville)
Homicide case – 1st degree
Crime scene investigation, reconstruction, and bloodstain pattern
Interpretation and analysis. (**Defense**)
**DISPOSITION – After hearing, State agreed to a reduced charge and
Accept a RECKLESS HOMICIDE plea in best interest for defendant**
- 2015** – Expert testimony in Davidson County Criminal Court (Nashville).
Homicide case. 1st degree
Bloodstain pattern analysis. (**Prosecution**)
Judge Wyatt – **DISPOSITION – GUILTY**

- 2015** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 1st degree
Bloodstain pattern analysis **(Prosecution)**
Judge Watkins – **DISPOSITION – GUILTY**
- 2016** – Expert testimony in Lawrence County Criminal Court (Lawrenceburg)
Homicide case. 1st degree
Crime scene investigations, reconstruction, and bloodstain pattern
Analysis and investigations. **(Defense)**
Judge Hargrove. **DISPOSITION – 2nd degree GUILTY**
- 2017** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 1st degree
Crime scene investigations, reconstruction, and bloodstain pattern
Analysis and investigations. **(Defense)**
Judge Norman. **DISPOSITION – NOT GUILTY**
- 2017** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 1st degree
Bloodstain pattern analysis **(Prosecution)**
Judge Watkins. **DISPOSITION – GUILTY**
- 2017** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 1st degree
Bloodstain pattern interpretation. **(Defense)**
Judge Fishburn. **DISPOSITION – GUILTY**
- 2021** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 2nd degree
Crime scene reconstruction and investigations. **(Defense)**
Judge Watkins. **DISPOSITION – After several motion hearings prior to trial,
the State agreed to settle case with a plea of
VOLUNTARY MANSLAUGHTER**
- 2022** – Expert testimony in Rutherford County Circuit Court (Murfreesboro)
Pre-Meditated 1st degree murder
Crime scene reconstruction and investigations &
Bloodstain pattern analysis. **(Defense)**
Judge Tidwell. **DISPOSITION – NOT GUILTY – ALL CHARGES**

- 2022** – Expert testimony in Wilson County Criminal Court (Lebanon)
Homicide case. Criminal Homicide
Crime Scene Reconstruction and Investigations & Bloodstain Interpretation
(Defense)
Judge Brody. **DISPOSITION – GUILTY – 2nd DEGREE**
- 2023** – Expert testimony in Davidson County Criminal Court (Nashville)
Homicide case. 2nd degree murder
Crime Scene Reconstruction/Investigations, Shooting Investigations
(Defense)
Judge Dozier. **DISPOSITION – NOT GUILTY – ALL CHARGES**
- 2024** – Expert Testimony in Davidson County Criminal Court Div 4 (Nashville)
Homicide case. Premeditated 1st Degree Murder
Crime Scene Investigations/Reconstruction
(Defense)
Judge Smith. **DISPOSITION – GUILTY – RECKLESS HOMICIDE**
- 2024** – Expert Testimony in Roane County, Kingston, Tennessee (Kingston)
Double Homicide case. 2 counts premeditated 1st degree murder, 2 counts
Felony murder, 2 counts especially aggravated robbery, 1 count auto burglary.
Crime Scene Investigations/Reconstruction.
(Defense)
Judge Wicks. **DISPOSITION – GUILTY – 2 Counts Criminally Negligent
Homicide**

Organization Memberships

IABPA – International Association of Bloodstain Pattern Analysts

ICSIA – International Crime Scene Investigators Association

IHIA – International Homicide Investigators Association

TALPI – Tennessee Association of Licensed Professional Investigators
(Past President – (2018-2019))