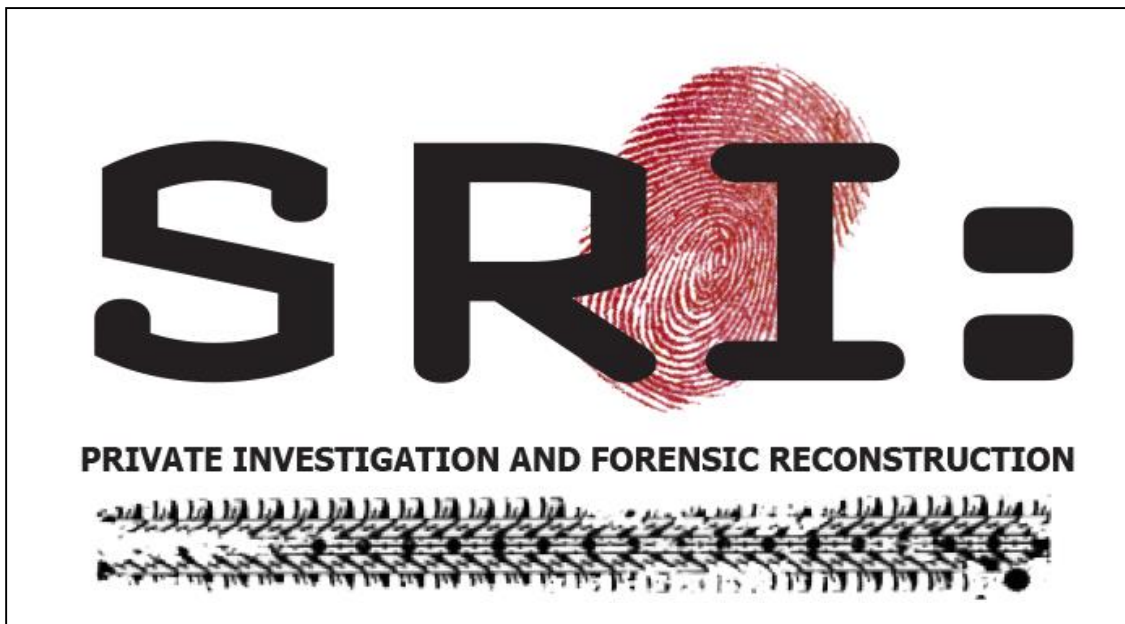


2014

Stidham
Reconstruction &
Investigation, LLC

Shelly rice



[CIRRICULUM VITAE]

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SHELLY RICE

STATEMENT OF QUALIFICATIONS

I have invaluable knowledge and experience in law and the criminal justice system gained while working in law offices and the court system throughout Eastern Kentucky. I understand how to analyze, evaluate, review and collect relevant discovery and evidence necessary to successfully prepare a case for trial and present said material in court.

In 2010, I began working at Stidham Reconstruction & Investigation, LLC as a paralegal/investigator. Since that time through experience, training, and education, I have progressed in this field and am now a licensed private investigator certified not only in blood pattern interpretation and crime scene processing but also as a Crime Scene Reconstructionist through IPTM at North Florida University. IPTM’s training is both academic and real world, comprised of classroom lecture, labs, and field work.

Additionally, I have published numerous articles and short stories and have a professional understanding of the structure of writing and composing letters, documents, and reports necessary to my current position and career.

EDUCATION

West Virginia University	2014
Certifications	
 IPTM University of North Florida	
Certifications	2013
Earned 264 hours	
 Big Sandy Community and Technical College	
Associates Applied Science Criminal Justice	2010

Earned 70 credit hours, 3.9 GPA

Eastern Kentucky University

Studied Psychology

1992

Earned 22 credit hours

Charter Oak College

Long Ridge Writer's Group

Certificate of Completion

2003

Areas of concentration: Composition/Writing

Completed numerous articles and short stories

HONORS/AWARDS

Who's Who Among Students in Junior Colleges

2007 – 2008

PROFESSIONAL EXPERIENCE

Stidham Reconstruction & Investigation, LLC

Private Investigator

2010 – Present

Responsibilities include crime scene investigations; crime scene reconstruction; scene reconstruction; investigations of criminal matters, domestic matters, and traffic collisions; interview witnesses; review case documents; crime scene inspections and interpretation of evidence; interaction with clients; witness location; prepare reports; process services; providing professional expert testimony.

Case and Documentation Management

2010 – Present

Responsibilities include reviewing case progress; prepare documentation, such as open records requests, court documents, and other related documents to obtain pertinent related information for cases.

Researcher

2010 – Present

Responsibilities include utilizing resources to investigate and research various information related to cases; research information for witness location.

RELATED EXPERIENCE

Stephen W. Owens, Attorney at Law

Paralegal/Paralegal Investigator

2009 – 2010

Responsibilities included preparation of legal documents for various types of cases; reviewed case documents interviewed witnesses; interaction with clients and court personnel; trial preparation; handled federal court cases; inspected crime scenes; collected and interpreted evidence; transcription and/or dictation.

James D. Holliday, Attorney at Law

Paralegal

2008 – 2008

Responsibilities included preparation of legal documents for civil cases; reviewed case documents; interviewed witnesses; interaction with clients and court personnel; mediation preparation; trial preparation.

Jerry A. Patton, Attorney at Law

Legal Assistant

2007 – 2008

Responsibilities included preparation of legal documents for various types of cases; reviewed case documents; interviewed witnesses; interaction with clients and court personnel; inspected crime scenes and interpreted evidence; mediation preparation; trial preparation

Eric C. Conn Law Complex

Case Management/Fee Control

2005 – 2006

Responsibilities included processing social security claims; assisted clients with benefits; interaction with social security personnel and clients; prepared legal documents for complaints; attended hearings in district court systems on behalf of Eric C. Conn regarding small claims to obtain judgments; attended social security hearings.

PUBLICATIONS AND PAPERS

PageWise, Inc.

2007

Destination Attractions: Things to Do In Louisville; Destination Attractions: Things to Do In Kentucky; Writing Tips: Writing Stories for Young Adults; Tips, Help, and Etiquette for Writing A Letter of Resignation; Houseplant Growing: How To Care For A Houseplant; Dog Health Care: Caring for Your Dog's Eyes; Dog Health Care: Common Dog Health Problems; Homemade Pet Gifts

Keep It Coming Serial Publication

Rich Man

2004

Short Story Writer's Showcase Publication

White Thing: The Magazine

1999

SPECIAL TRAINING/CERTIFICATIONS

Special training in interviewing, interrogation and the detection of deception, 2006-2008
Big Sandy Community and Technical College, Michael Dixon

IPTM University of North Florida Certifications May – December 2013 and 2014

➤ **Bloodstain Interpretation**

- Areas of training:
 - Reviewed various real case studies of crime scenes and bloodstain patterns
 - Participated in lab testing creating various bloodstain patterns with various weapons (i.e. impact stains, drip stains, blood in blood, transfer stains) and examining the dynamics of liquid blood
 - Interpreted various bloodstain patterns
 - Participated in determining the area of impact by applying the area of origin and convergence of origin methods to various bloodstain patterns created in lab testing
 - Exit project consisted of reviewing a case study and interpret the bloodstain patterns in determining whether the investigation was a homicide or suicide

➤ **Crime Scene Processing Workshop**

- Areas of training:

- Reviewed real case studies of crime scenes and the crime scene investigation processes
- Collection and preservation of evidence
- Participated in field work of casting impressions of shoe, tire, and tool marks using dental stone. Created shoe impression and cast with dental stone.
- Participated in creating fingerprint impressions using various surfaces and participated in processing and lifting those fingerprints using various methods and agents:
 - Powder on Styrofoam, plastic, aluminum foil and paper products
 - Magnetic powder on Styrofoam, plastic, aluminum foil and paper products
 - Florescent powders on paper and aluminum foil
 - Ninhydrin on paper
 - Small Particle Reagent on Styrofoam
 - Sudan Black on Styrofoam
 - Silver Nitrate on paper
 - Oil Red O on paper
 - Physical Developer on paper
 - Iodine on paper
 - Elmer's gel glue on textured surface
 - Cyanoacrylate Fuming (superglue) on Styrofoam in chamber created from an extra- large Ziploc bag and PVC piping with chemically treated pad as heat source, as well as fingerprints processed in a plastic container and heat source
 - Gentian Violet aka Crystal Violet on adhesive/tape
 - Sticky-side Powder on adhesive/tape
 - Amido Black using a blood protein stain
- Processed fingerprints on human skin using index card and black magnetic powder
- Understanding of alternate light sources/ALS light energy
- Participated in the detection of trace evidence and fingerprints using alternate light sources/ALS light energy
- Interpreted bloodstain patterns and how to process blood protein stains
- Learned to utilize chemicals to enhance the presence of blood on crime scenes
- Detection of Blood using Phenolphthalein Presumptive Test
- Photography and documentation of evidence, fingerprints, and crime scene
- Photography using macro close-up evidence
- Photography using alternate light sources

➤ **Crime Scene Reconstruction**

- Areas of training:
 - Dynamics of Reconstruction
 - Positive and Negative Reconstruction
 - Crime Scene Reconstruction using the Scientific Method
 - Hypothesis
 - Predictions
 - Testing
 - Results
 - Opinion/Conclusion
 - Scientific Evidence
 - Non-Scientific Evidence
 - Reviewed case studies of real crime scenes
 - Bloodstain Interpretation and analysis
 - Participated in determining the angle of impact applying the Area of Origin and Convergence of Origin methods of a created blood stain and interpreted the various bloodstain patterns
 - Glass Fractures
 - Radial and Concentric Fractures
 - Primary Fractures
 - Secondary Fractures
 - Fractures caused by bullet and determining entrance and exit and angle
 - Heat Fractures
 - Blunt Instrument Fractures
 - Preservation of glass fragments
 - Firearms Reconstruction
 - Conducted Trajectory Analysis in class and in field
 - Participated in firearms testing to create ballistic trajectories in various objects to simulate real world situations to perform scientific analysis. I was trained in and utilized the following methodologies to determine bullet trajectories:
 - Rod method
 - Rod and string method
 - Retrieve projectile (accomplished)
 - String method for point of reference on fractured glass
 - Entrance and exit determination
 - Laser method
 - Angle method

- Photography of trajectory analysis using a laser
 - Firearm Injuries
 - Determination of entrance and exit wounds
 - Distance
 - Soot/stippling distribution
 - Angle and line of fire
 - Trajectory factors
 - Marginal abrasions
 - Points of reference
 - Damage factors
 - Autopsy analysis
 - What was victim capable of doing after injury
 - Weapons factors
 - Projectile analysis
 - Weapon operational analysis
 - Ascertain trigger pull
 - Report preparation
 - Trial testimony, preparation, and Daubert standards
 - Blood Volume Determination
 - Fire Burn Patterns
 - Point of origin
 - Glass fracture patterns
 - Direction
 - Exit project of applying crime scene reconstruction scientific method to an assigned case study and devising an opinion/conclusion.
- **Advanced Blood Pattern Analysis**
- Areas of training:
 - Reviewed various real case studies of crime scenes and bloodstain patterns
 - Analyzed various bloodstain patterns
 - Participated in determining the area of impact by applying the area of origin and convergence of origin methods to various bloodstain patterns created in lab testing
 - Studied and applied the Tangent Method for area of impact

- Studied the movement, direction and sequence of blood patterns
- Reviewed examination of bloody clothing in real case studies of crime scenes and bloodstain patterns
- Reviewed the absence of evidence in real case studies of crime scenes and bloodstain patterns
- Developed patent blood fingerprints using chemical enhancement
- Demonstration of presumptive blood testing on crime scenes
- Learned to utilize chemicals to enhance the presence of blood on crime scenes
- Detection of Blood using Phenolphthalein Presumptive Test
- Studied Alternate Light Sources and Bloodstains
- Studied volume of blood determination
- Studied Report Writing
- Studied Expert Testimony and Court Presentations
- Exit project consisted of reviewing a case study and analyze the bloodstain patterns and giving expert testimony in a mock court setting.

➤ **Homicide Investigations**

- Areas of training:
 - Investigation of Homicide
 - Practical Approach to Homicide
 - Pyramid Investigative Analysis
 - Investigation of Major Homicides
 - National Center for the Analysis of Violent Crime (NCAVC) and Violent Criminal Apprehension Program (VICAP)
 - Sexual Asphyxia and Hypoxyphilia
 - Abnormal Psychology for Homicide Investigators
 - Personality Development
 - Psychopath Personality
 - Suicide and Equivocal Death Investigations
 - The Medico Legal Investigation of Death
 - Forensic Pathology
 - The MedicoLegal Autopsy
 - Officer Responsibilities during Autopsy
 - Autopsy Results
 - Postmortem Changes and Time of Death
 - Determining Time of Death
 - Witnesses
 - Scene
 - Rigor, Livor, Algor Mortis
 - Decomposition
 - Environmental changes
 - Gastric contents
 - Skeletonization

- Removal of all soft tissue
 - Insect activity
 - Mummification
 - Adipocere (Waxing of body)
 - Identification
 - Firearm Injuries
 - Mechanical/Chemical Asphyxia
 - Sharp Force Injuries
 - Blunt Force Injuries
- Deoxyribonucleic Acid (DNA) Evidence
- Investigation of a Child's Death
- Interviews and Interrogations
 - Key Behavioral Analysis Interviews
 - Analyzing 911 Homicide Calls
 - Statement Analysis
- Reviewed and Analyzed Case Studies
- Reviewed and Analyzed Case Studies to Determine Homicide or Suicide Death
- Exit Exam: score of 96%

➤ **Crime Scene Shooting Reconstruction**

- Areas of training:
 - Dynamics of Reconstruction
 - Dynamics of a Firearm
 - Reviewed case studies of real crime scenes
 - Bloodstain Interpretation and analysis of a shooting incident
 - Conducted Trajectory Analysis in class and in field
 - Participated in firearms testing to create ballistic trajectories in various objects to simulate real world situations to perform scientific analysis. I was trained in and utilized the following methodologies to determine bullet trajectories:
 - Rod method
 - Retrieve projectile
 - String method for point of reference on fractured glass
 - Entrance and exit determination
 - Laser method
 - Angle method
 - Photography of trajectory analysis using a laser
 - Firearm Injuries
 - Dynamics of wounds

- Trajectory factors
 - Marginal abrasions
 - Points of reference
 - Weapons factors
 - Projectile analysis
 - Weapon operational analysis
 - Ascertain trigger pull
 - Scientific calculations for trajectories to determine:
 - Angle
 - Distance
 - Height
 - Utilization of Diagramming a Shooting Incident
 - Participated in Night Time Photography
- **Photography**
 - Areas of training:
 -
- **The CSI Effect: Maximizing the Potential of DNA Training Seminar**
 - Areas of training:
 - Collection and Utilizing DNA in property crimes
 - Utilizing CODIS
 - Utilizing familial DNA through CODIS
 - Felony Arrestee DNA
- **Proficiency Certification as a Crime Scene Investigator**
 - Completion of course curriculum of Forensic Technology Training with IPTM UNF
- **Dependency, Neglect & Abuse Training Seminar**
 - Areas of training:
 - Dependency, Neglect and Abuse: Statutory Review
 - Termination of Parental Rights: Statutory Review
 - Overview of Adoption Statutes
 - Communicating with Children: How to Make it Happen
 - Ethics
 - Kentucky Family Court Rules of Procedures & Practices
 - Kentucky Bar Association Rules of Supreme Court of Kentucky
- **National Children's Advocacy Center Online Training Certifications**
 - From Crime Scene to the Courtroom- Telling the Story to the Jury
 - Profiling the Child Molester

- Most Common Mistakes Made in Forensic Interviews and How to Fix Them
- Providing Expert Testimony in Child Sexual Abuse Cases
- **National Institute of Justice Online Training Certifications**
 - What Every Law Enforcement Officer Should Know About DNA Evidence: Investigators and Evidence Technicians
 - Crime Scene and DNA Basics for Forensic Analysts
 - DNA Extraction and Quantitation for Forensic Analysts
 - STR Data Analysis and Interpretation for Forensic Analysts
 - Amplified DNA Product Separation for Forensic Analysts
 - DNA Amplification for Forensic Analysts
 - Population Genetics and Statistics for Forensic Analysis
 - Non-STR DNA Markers SNPs Y-STR LCN and mtDNA
 - Forensic DNA for Officers of the Court
 - What Every Law Enforcement Officer Should Know About DNA Evidence: First Responding Officer
 - Collecting DNA Evidence at Property Crime Scenes
- **RTI International Forensic Science Center(National Institute of Justice) Online Training Certifications**
 - Offender Profiling: Psychology Contributions to Behavioral Crime Scene Analysis
 - Investigating Sexual Violence – Emerging Solutions and Best Practices
 - Expert Testimony Training for the Prosecutor and Scientist
 - Fingerprint Identification: Reliability and Accuracy
 - Latent Fingerprints: Developing Methods and New Technology
 - Workshop: Friction Ridge Impressions – 2012 IPES Conference
 - Latent Fingerprints: Reducing Erroneous Exclusions
 - Bloodstain Documentation and Collection Methods
 - Shooting Reconstruction: The 4 Elements of Trajectory
 - The Crime Scene Is Fluid: From Land to Water-Based Scenes
 - Sudden, Unexplained Infant Death Investigation: Death Scene Re-creation

West Virginia University Online Training Certifications October 2014

- **Principles of Death Investigation**
 - Roles of Death Investigators
 - Medical Examiner and Coroner Systems Classification
 - Standards and Guidelines
 - Arrival at the Scene
 - Entering the Death Scene
 - Legal Issues
 - Processing and Collection
 - Documentation
 - Photographing
 - Obtaining a Profile of the Decedent
 - Body Evaluation and Examination
 - General Characteristics of Disease
 - Skin Characteristics
 - Extremity Characteristics

- Chest and Abdomen Characteristics
- Transient and Trace Evidence
- Classification and time of Death
 - Cause, Mechanism and Manner of Death
 - Evaluating Manner of Death
 - Time of Death
 - Postmortem Changes of body
 - Decomposition
- Natural Disease and Death
- Trauma and Death
 - Blunt Force Injuries & Trauma
 - Sharp Force Injuries
 - Vehicle Injuries
 - Firearm Injuries
 - Thermal Injuries: Fire
 - Thermal Injuries: Electrocution
 - Thermal Injuries: Lightning
 - Hanging
 - Strangulation
 - Suffocation
 - Environmental Asphyxiation
 - Postural Asphyxiation
 - Autoerotic Asphyxiation
 - Chemical Asphyxiation
 - Drowning
- Pediatric and Child Death
- Alcohol and Drug Related Deaths
- Completing the Scene Investigation
- Autopsy Preparation and Examination
- Entrance and Exit Exams:
- **Science of Fingerprints**
 - History of Fingerprints
 - Morphogenesis of Friction Ridge Skin
 - Structure of Friction Ridges/Pattern Types
 - Palm and Feet Friction Ridges/Pattern Types
 - Classification Systems
 - 10-Print Card
 - Henry System
 - NCIC System
 - IAFIS System
 - Types of Fingerprints and Methods of Fingerprinting
 - Development and Preservation of Latent Fingerprints
 - Fingerprint Comparisons
 - Legal Issues
 - Case Studies
 - Entrance and Exit Exams:

LICENSURES

Private Investigator, Kentucky
Notary Public, Kentucky

VOLUNTEER CONSULTING

Leslie County Sheriff's Office Crime Scene Reconstructionist
Leslie County Sheriff's Office Crime Scene Consultant
Leslie County Sheriff's Office Evidence Processing and Collection

STUDIES AND TESTING PARTICIPATED IN

- Lab testing creating various bloodstain patterns with various weapons and examining the dynamics of liquid blood. Jacksonville Florida (May 2013)
- Applied the area of origin and convergence of origin using the string method to determine angle of impact of bloodstain patterns. Jacksonville Florida (May 2013 and September 2013)
- Participated in real case study of crime scene to interpret bloodstain patterns in determining if case was a homicide or suicide. Jacksonville Florida (May 2013)
- Field work casting impressions of shoe and tool marking using dental stone. Jacksonville Florida (August 2013)
- Created fingerprint impressions using various surfaces, and processed and lifted those prints using various methods, chemicals and agents. Jacksonville Florida (August 2013)
- Used alternate light sources/ALS light energy to detect trace evidence and fingerprints processed with florescent powders. Jacksonville Florida (August 2013)
- Processed blood using Luminol. Jacksonville Florida (August 2013)
- Participated in firearms testing to create ballistic trajectories in various objects to simulate situations to perform scientific analysis utilizing the following trajectory methods:
Jacksonville Florida (September 2013)
 - Rod method
 - Rod and string method
 - Retrieval of projectiles
 - String method for point of reference on fractured glass
 - Entrance and exit determination, and specifically in glass
 - Laser method
 - Angle method
- Participated in the application of crime scene reconstruction scientific method in a real case study crime scene with use of photographs, documentation, autopsy, lab reports, and witness statements. Jacksonville Florida (September 2013)
- Applied the area of origin and convergence of origin using the string method to determine angle of impact of bloodstain patterns. Applied the Tangent Method for area of impact. Jacksonville Florida (November 2013)
- Participated in mock trial using expert testimony in Blood Pattern Analysis (November 2013)

- Participated in development of chemical enhancement of patent blood fingerprint impressions (November 2013)
- Participated in firearms testing to create ballistic trajectories in various objects to simulate situations to perform scientific analysis utilizing the following trajectory methods:
Jacksonville Florida (December 2013)
 - Rod method
 - Retrieval of projectiles
 - String method for point of reference on fractured glass
 - Entrance and exit determination, and specifically in glass
 - Laser method
 - Angle method
- Participated in night time photography of a shooting incident. Jacksonville Florida (December 2013)
- Participated in firearms testing for

PRESENTATIONS

- Training for Department of Public Advocacy in Crime Scene Analysis and Reconstruction annual conference (June 2014)
 - Training in Fingerprinting
 - Training in Trajectory Analysis
 - Crime Scene Analysis
 - Use of Luminol
 - Use of Alternate Light Sources
 - Use of Presumptive Blood Tests

TESTIMONY

- January 14, 2013 – Commonwealth vs. Matthew West
 - Qualified as an Expert Witness in Crime Scene Investigations and Reconstruction