



FORENSIC ANALYSIS AND  
INVESTIGATIVE CONSULTING



CONTACT OUR OFFICE

(470) 795-1400

FORENSIC AND CASE ANALYSIS

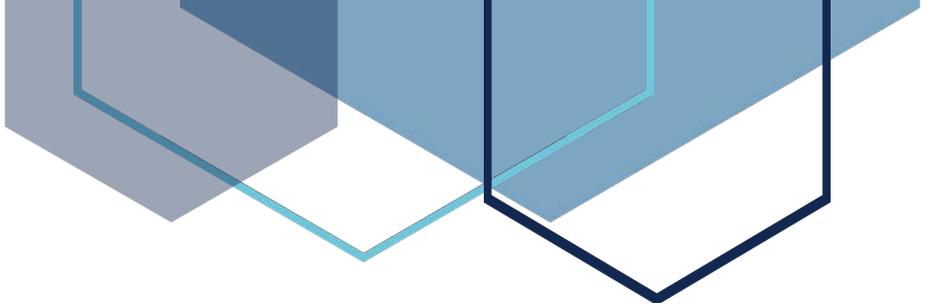
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TRAINING AND EDUCATION

[TRAINING@DELTA5LABS.COM](mailto:TRAINING@DELTA5LABS.COM)

“Any action of an individual, and obviously the violent action constituting a crime, cannot occur without leaving a trace.”

-Dr. Edmond Locard, 1934



**DELTA-5 FORENSIC LABORATORIES** connects the evidence for our clients in law and legal, public safety, and the private arenas. Our team of experienced investigators and examiners bring a skillset that spans a vast spectrum of expertise. With more than fifty years of combined practical experience and thousands of cases, the Delta-5 team offers a unique view into your case work. Our goal is to provide our clients with expert analysis and solutions within investigations, litigation, and the forensic sciences.



## CASE SERVICES

### *BLOODSTAIN PATTERN ANALYSIS*

In violent events, the analysis of bloodstain patterns can be crucial. Bloodstain Pattern Analysis is the examination of bloodstains as it relates to determining the origin, flight path, and in some cases, the sequence of events that transpired during the bloodshed event. A thorough analysis of these types of patterns can lend understanding to the nature of the bloodshed, type of instrument used to inflict injury, as well as positioning and spatial relationship of the victim and suspect. Establishing the sequence of events and the location of the parties involved within the crime scene can shed light on the true nature of the incident. Was the act self-defense or criminal?



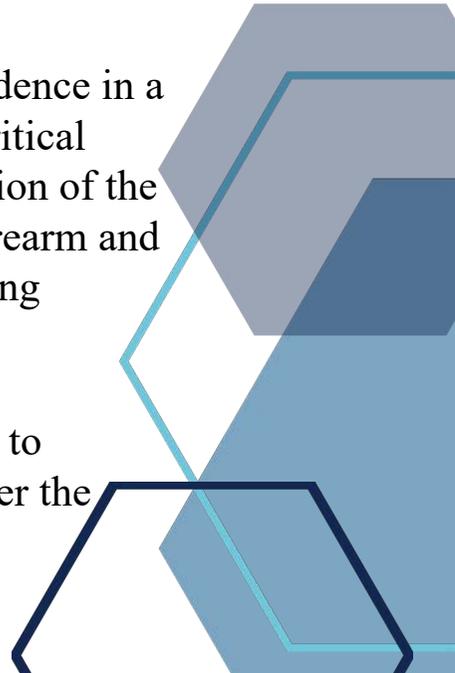


## **SHOOTING INCIDENT RECONSTRUCTION**

Often synonymous with bloodstain pattern analysis is the examination of flight paths and trajectories in shooting incidents. The methodology of examining the physics of both disciplines frequently parallel.

The examination of ballistic evidence in a shooting incident can provide critical information relating to the location of the shooter, distance between the firearm and target, and at times the sequencing of shots.

How important is it to your case to understand these facts and answer the question of who fired first?



## **LATENT FINGERPRINT**

### **VERIFICATION AND REVIEW**

The current fingerprint examination methodology of ACE-V (Analysis, Comparison, Evaluation, and Verification) is widely accepted in the forensic sciences. The process is meticulous and requires thorough documentation. The analysis is detailed from start to finish and is always verified by a third party latent print examiner. The Delta-5 Forensic Laboratories examiner is an active latent fingerprint examiner using the ACE-V methodology. He has compared thousands of fingerprints and made hundreds of identifications. Delta-5 Labs provides fingerprint case review, as well as verification of an individualization or an exclusion.





## **CASE FILE REVIEW AND COLD CASE ANALYSIS**

Case files and reports are a direct reflection of the investigation. Were the correct questions asked and *answered*, was *every* investigative lead pursued, does the case file *presented* reflect the probable cause necessary to make an arrest. Delta-5 Labs' team of investigators have experience in investigating thousands of cases and know what a comprehensive and complete case file should look like. They can also identify what areas of an investigation warrant more attention.

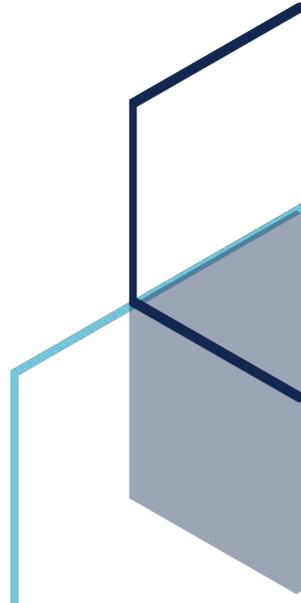




When an investigation ceases forward momentum, it goes cold, and often begins to collect dust. A fresh perspective from a Delta-5 Labs examiner can often provide new avenues to pursue. Old evidence, previously discounted, can shed new light on the investigation by using advancing forensic technologies, current investigative methodologies, victimology profiles, or even generate new interviews. Cases that have gone cold for decades may be given new life to move towards the pursuit of truth for the victims or finally they can be provided the peer-reviewed assurance that a complete and methodical investigation has been conducted.

## **TRAINING AND EDUCATION**

The goal of Delta 5 Forensic Laboratories' Training Program is to provide high quality, effective, and current instruction on the science, techniques, standards, and legal opinions related to criminal forensic investigation. To achieve this, Delta 5 Labs provides interactive and practical courses on forensic sciences and crime scene investigations.





Using an experiential, hands on approach, our team of veteran instructors prepare students both for the challenges of field and case work, and for the rigors of the courtroom. Instructors and attendees include: law enforcement practitioners and administrators; medical experts; and legal professionals. Our training staff have developed specialized training, including: Crime Scene Investigations and Reconstruction, Courtroom Demeanor and Testimony, and Advanced Report Writing Skills and Case File Preparation. In addition to these, our staff are available to tailor programs to your agency policies and needs, or to collaborate with your agency to develop an entirely custom course.

Whether you plan to host a course, attend yourself, or to register your employees, Delta-5 Labs has the expertise, materials, and quality instructors to advance your agency goals.

“I just crossed Zack Kowalske in a murder trial, involving a stabbing. The State hired him for crime scene reconstruction. He explained blood-spatter well, but would not opine as to the injuries, leaving that to the Medical Examiner. He struck me as straight shooter, with carefully self-delimited boundaries concerning his expertise. I would consider hiring him in the future.”

-Scott DePlonty, DeKalb Public Defender’s Office

“Zack is an outstanding investigator with great skill in a wide variety of disciplines. He is committed to maintaining the integrity of evidence from scene collection through processing and analysis. His adherence to the scientific process is impressive and I would not hesitate to use him again in the field.”

-Dr. Alice Gooding, Forensic Anthropologist

*Delta-5 Forensic Laboratories* is dedicated to providing you with the most thorough examination of case material, with a focus on detail, reliability, and accuracy.

Our firm has come a long way from its beginnings as an idea in a home office. My passion for the forensic sciences and crime scene reconstruction drove me to strive for perfection in my law enforcement case work, which in turn led to requests for consulting on private cases. The notion of being able to utilize my passion, to provide a wide range of clients with expert analysis in the forensic sciences led to the founding of Delta-5 Forensic Laboratories. Our goal is not only to provide analysis in the science disciplines, but also to deliver thorough examination of any facet of an investigation. The Delta-5 Labs team now serves clients across the nation and all jurisdictional bounds. Our clients and their cases are the priority. Delta-5 Forensic Laboratories brings the advanced analysis, answers, and guidance that every case should be afforded.

I hope you find our services as detail oriented as we believe each case deserves. If you have any questions or comments, please don't hesitate to contact me.



Zack Kowalske

CEO / Principal Forensic Advisor



INVESTIGATION ANALYSIS AND REVIEW | BLOODSTAIN PATTERN ANALYSIS  
SHOOTING RECONSTRUCTION | LATENT PRINT EXAMINATION | COLD CASE REVIEW  
EXPERT WITNESS | CUSTOM TRAINING

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