

ALLIANCE FORENSICS LABORATORY & CONSULTANTS



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ASCLD-LAB ACCREDITED LABORATORY

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Areas of
Expertise:

Firearms Identification - Microscopic examinations and comparisons of ammunition/components with suspected firearms
Tool mark Identification - Microscopic examinations and comparisons of tool marks with suspected tools
Firearms design, operability, defects, alterations and conversions, modifications and accidental discharge
Ammunition Examinations - Cartridge manufacture and source determination of ammunition components
External/terminal ballistics calculations/determinations (trajectory, ricochet, penetration, etc.)
Distance determination (range of fire) from GSR deposits or pellet patterns on skin, clothing, or other objects
Gunshot residue testing involving the chemical analysis for lead or nitrite residues
Gun Range Consultations - design, safety, etc.
Examinations of Locks, safes, alarm mechanisms, etc. for signs of tampering, toolmarks, etc.
Shooting Scene Reconstruction
Shooting Accidents
Firearms Product Liability Testing
Computer Animations, Illustrations and Simulations of shooting related incidents
Firearms Explosions
Demonstrative Evidence

Services: We offer the services of experienced Forensic Scientists for the legal and insurance community.

Professional Experience: Every expert at Alliance has many years of experience in the Forensic Sciences and courtroom experience in their field of expertise.

Education/ Training: All consultants at Alliance are college degreed graduates in the physical sciences.

Professional Affiliations: American Academy of Forensic Sciences
Distinguished member, Association of Firearms & Toolmarks Examiners
Southern Association of Forensic Scientists
Southwestern Association of Forensic Scientists
American Society of Crime Lab Directors

Contact: **FOR MORE DETAILED CURRICULA VITAE OR RESUMES CALL OR CONTACT MR. RICHARD ERNEST, LISTED ABOVE.**