

Akin & Associates

Crime Scene Reconstruction

Louis L. Akin, LPI

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*Quaeras de dubiis legem bene discere si vis
(Inquire into them to know what things are true)*

LOUIS L. AKIN, LPI
Texas License A10791

CURRICULUM VITAE

I am a Crime Scene Reconstruction expert, Licensed Private Investigator, and Autopsy Technician with thirty-five years' experience in criminal defense, personal injury investigations, and death scene reconstructions. I have reconstructed approximately 200 homicide cases including the shooting of forty-four soldiers at Ft. Hood Texas by Major Nidal Hasan; a shootout between police and sovereign citizens in Louisiana that left two officers dead and two wounded; an explosion at Dow Chemical Company in Martinez CA that left several dead, and other multiple death scenes.

I am the former Crime Scene Consultant for the Webb County Medical Examiner's Office, former member of the Austin City College Criminal Justice Board, former Regional Director of the Texas Association of Licensed Investigators, former President and current Advisory Board member of the Texas After Violence Project, a non-profit corporation, former Board member of the Criminal Justice Department at Austin Community College. I am a former police officer, fire fighter, and Viet Nam Era air crewman in the United States Navy.

AREAS OF EXPERTISE

1. Analysis and reconstruction of incidents involving violent physical trauma to the human body whether by criminal or tortious acts.
2. Blood pattern analysis, shooting, sharp, and blunt instrument trauma, and wound pathology.

EXPERT TESTIMONY

I have testified as crime scene expert in criminal homicide cases in Texas, California, New Mexico, Florida, Utah, and Kentucky. I have consulted on criminal homicide cases in thirteen states.

PROFESSIONAL

Akin Investigations, Austin, TX 2001 to Present

Specialization in the analysis and investigation of criminal and accidental incidents involving sudden death. Crime scene reconstruction, shooting, sharp instrument, blunt incident and accidental death reconstruction, blood pattern analysis, and wound pathology.

Office of the Attorney General of Texas, Austin, TX 1989-90

Investigator and Training Officer, Consumer Protection Division.

Office of the Attorney General of Texas, El Paso, TX 1986-89,

Investigator, Consumer Protection Division while in private practice handled the major consumer protection cases for the Attorney General's office.

Akin Investigations, San Francisco CA and El Paso TX 1976-1990

Licensed Investigator, personal injury, criminal defense.

Orrick, Herrington, Rowley and Sutcliffe, San Francisco, CA 1976-1977

Paralegal/Investigator.

Buckman and Associates Investigations, San Francisco, CA 1972-1977

Investigator, criminal defense, personal injury, products liability, insurance defense.

MEMBERSHIPS

- American Academy of Forensic Sciences
- Homicide Research Working Group
- Past President and Advisory Board Member, Texas After Violence Project
- American Criminology Society
- National Defense Investigator's Association
- Comunidad Internacional de Ciencias Forenses Medicina Y Derecho
- World Conference on Forensic Science

ACADEMIC

University of Texas at Austin	Bachelor's Degree, American Studies Graduated with Departmental Honors Phi Sigma Phi Golden Key National Honor Society
City College San Francisco	Associates Degree, Paralegal Studies High Honors
City College San Francisco	Certificate, Criminal Justice

ARTICLES PUBLISHED

Proving Self-defense,
Champion Magazine, NACDL, January/February 2011
Also published in *Voice for the Defense*, TCDLA, January/February 2011

Bullet Trajectory Analysis, Texas Investigator Magazine, Summer, 2008

Blunt Object Injuries Involving Hemorrhage,
Texas Investigator Magazine, Fall 2007

Interpretation of Blood Spatter for Defense Attorneys - Part I, Champion, Apr. 2005, at 38. *Interpretation of Blood Spatter for Defense Attorneys - Part II*, Champion, May 2005, at 26. Also available as:

Interpretation of Blood Spatter for Defense Attorneys Parts 1 & 2 Voice
NATIONAL CLEARINGHOUSE FOR SCIENCE, TECHNOLOGY & THE LAW at Stetson
University College of Law

Who's Afraid of the Big Bad Wolf? Eavesdropping in the 20th Century,
Texas Investigator Magazine, Summer, 2007

Who's the Fairest of Them All? Regulating the Judiciary,
Texas Investigator Magazine, Spring 2007

Activity Monitors: a.k.a. Eavesdroppers,
Voice for the Defense Magazine, March, 2007

Is Someone Eavesdropping on Your Attorney-Client Conversations?
Champion Magazine, Mar 2007

The Detection of Deception,
Texas Investigator, Vol. XI, Issue 2, June 2006

Who's Deceiving Who? And Who Can Really Tell? A Commentary,
The Advocate, Austin Criminal Defense Lawyer's Association, Feb/Mar 2006

Blood Pattern Evidence for DPS Officers
Texas Highway Patrol, Texas Department of Public Safety, 2006

Blood Spatter Interpretation at Crime Scenes
FBI Law Enforcement Magazine,
US Dept. of Justice, Federal Bureau of Investigation, March 2005

Directional Analysis of Blood Spatter for Responding Officers, FOP Newsletter,
Fraternal Organization of Police, Minnesota Chapter, 2005

Kriminalistika, Slovenia 343.98, Akin, Louis L. Ministry of Interior, Forensic
Laboratory a) kriminalistika b) kraj dejanja c) dokazi d) kri e) krvne sledi f) analize
g) ZDA COBISS.SI-ID 1415624
<http://www.mnz.si/si/upl/sekretariat/knjiznica/junij05.html#t1>

Análise de Sangue, Portugal, 2005, Ciência Forense, Recolha da Prova, Analítico de
Periódico, Ministério da Justiça, Centro de Documentação da Polícia Judiciária,
Se Requiere Entrenamiento para Colectar Trazas de Sangre, Venezuela
<http://www.segured.com>

Lawyers' Primer on Finger Prints, The Advocate, ACDLA, February 2005

Investigation of Deceptive Trade Practices, (Training Manual)
Office of the Texas Attorney General, 1990

PRESENTATIONS

Impeaching Blood Spatter Experts
Center for American and International Law
November, 2015

Errors in Investigative Strategy
Texas Association of Licensed Investigators, Austin Chapter
Austin Texas January 2012

Investigative Failures as a result of Cognitive Errors
Texas Criminal Defense Lawyers Association
Austin Texas November 2011

Blood Pattern and Crime Scene Analysis for Medicolegal Death Investigators
Webb County Medical Examiner's Office, Laredo, Texas, 2010

Death Investigation and Scene Reconstruction Texas A&M, Laredo, Texas, co-presenter with Dr. Corinne Stern, Webb County Chief Medical Examiner, March 2010

Blood Pattern Analysis and Shooting Reconstruction, Office of the San Francisco Public Defender, San Francisco, CA. March, 2008

Teaching the Teachers: Blood Pattern Analysis, Texas Criminal Justice Teacher's Association, TIVA, January 2008

Blood Pattern Interpretation for Medicolegal Investigators
ACFEI approved for CE credit for Medical Examiners, Coroners, and Medicolegal Investigators. American College of Forensic Examiners International Conference Sept 2005, San Diego

PI-CEU on-line law enforcement training:

Blood Pattern Analysis
Approved for CE credit for Police Officers in several states and Licensed Private Investigators in Texas.

Bullet Trajectory and Blood Pattern Analysis for Medicolegal Death Investigators El Paso County Medical Examiner's Office, Medicolegal Death Investigators, El Paso, July 2005

Blood Spatter and Bullet Trajectory Evidence in Crime Scene Investigation; El Paso County Public Defender's Office, El Paso

Interviews and Interrogations, University of Texas at Dallas, Dr. Kelly Goodness, 2003

Child Abuse Death Investigation, Capital Issues Seminar, TCDLA/TDS August 2003

Investigative Techniques for Deceptive Business Practices Training Officer
Office of the Attorney General of Texas, 1990

Nuts and Bolts of Police Misconduct Litigation, ACLU Seminar, El Paso, Approved for CLE by the Texas State Bar Association, October

Domestic Violence Investigations, DADDS, El Paso 1988

Gathering Evidence in Sudden Unexpected Death Cases, El Paso, 1985, Approved for CLE for Criminal Law by TX Board of Legal Specialization.

How Pythagoras's Theorem Helps Solve Crimes; Austin High School Advanced Placement Students; Austin, April 2005

UT Informal Classes

Crime Scene Forensics for Writers

I have been teaching this 12 hour 3-day non-certification course at UT for a number of years.

SPECIALIZED DEATH INVESTIGATION TRAINING

In my career, I have completed 3,000 hours of training in the areas of criminal and civil investigation. Since 2000, I have accumulated the following more than 2200 hours of training pertaining to homicide, death investigation and crime scene reconstruction.

Gunshot Trajectory Reconstruction San Bernardino Sheriff's Office San Bernardino CA Oct 2011 40 hours	International Association of Forensic Sciences 12 hours Eighteenth Triennial Meeting New Orleans, LA July 21-25, 2008
Advanced Blood Pattern Analysis Paul Kish, Boone County SO, KY Sept 2011 40 hours	Homicide Research Working Group 16 hours June 11-13, 2008 Sam Houston State University College of Criminals Justice
Forensics Conference Center for American and International Law, Plano TX June 2011 24 hours	Making Sense of Science April 3-5, 16 hours National Association of Criminal Defense Lawyers
Recognition, Detection, and Significance of gunshot Residues AAFS Seattle WA February 2010 -7 hours	Bloodstain and Bullet Pattern Evidence Analysis for Crime Scene Reconstruction June 4, 2007, 24 hours Public Agency Training Council Sandra Mays
Gunshot Wounds—Theory and Practice AAFS Seattle WA February 2010 -7 hours	Shooting Reconstruction and Crime Scene Ballistics Mar 2007, 16-hour course Harris County Sheriff's Office
Shooting Reconstruction 40 hours Michael Haag, Instructor Eugene Police Department Eugene Oregon August 4-9, 2008	

Level III Special Advanced Blood Spatter Analysis Course
November 2006, 50 hours
Henderson Forensics & Associates
Canyon, TX

Level II Advanced Blood Pattern Analysis at Crime Scenes,
May 2006, 40-hour advanced course
Texas Department of Public Safety
Austin TX

Basic Blood Spatter Analysis
2003, 40-hour basic course
Missouri Western State College, St.
Joseph, MO

Crime Scene Reconstruction
Feb 2006, 16-hour course
Albuquerque, NM--
Association for Crime Scene
Reconstruction ASCR

Investigative Analysis of Homicide and
Violent Crimes
August 2006, 36-hour course
Texas Department of Public Safety
Austin, TX

Officer Involved Shooting
Reconstruction
July 2006, 36 hours
Texas Department of Public Safety—Ed
Hueske, Austin, TX

Crime Scene Reconstruction
2004, 40-hour course
TBI, LLC Forensic Consultation
Company,
Tom Bevel, Ross Gardner
Denver CO,

Investigation of Shooting Incidents and
Reconstruction of Violent Crime Scenes
2004, 40-hour course
Southern Institute of Forensic Science

Handguns and Ballistics 2003 16 hours
FBI Firing Range, Familiarization with
handguns and handgun ballistics,
Quantico, VA,

Officer Involved Shooting
Reconstruction 2002, 40-hour course Ed
Hueske, Denton Police Academy,
Denton TX

Traffic Accident Investigation and
Reconstruction 2002, 16-hour course
Marules & Associates, Motor Vehicle
Accident Investigation.
San Antonio, TX

Practical Crime Scene Photography
2003, 24-hour course
Joseph E. Fyffe
Proper techniques for recording and
preserving evidence through
photography
Fingerprint Development
16-hour course, 2004
Public Agency Training Council, San
Antonio

Medicolegal Death Investigator
Advanced Course—Masters' 32 hours
St. Louis University School of Medicine
July 2011
St. Louis, MO

Medicolegal Death Investigator
Internship 2009 and 2010 Webb County
Medical Examiner's Office, Chief
Pathologist, Dr. Corinne Stern
Medical Examiner's Office

- Examined bodies at crime and accident scenes to determine cause and manner of death
- Photographed corpses and scene or scenes where death occurred

- Examined body for cause of death and evidence
- Collected evidence related to cause and manner of death
- Interviewed family, law enforcement and witnesses
- Counseled family members
- Investigated deaths by suicide, motor vehicle accident, overdose, gunshot wounds, slip and fall, hanging, and natural causes.

Autopsy Technician Internship 2009 and 2010 --. Webb County Medical Examiner's Office, Simultaneous with MDI training 20 weeks (800 hours)
Chief Pathologist, Dr. Corinne Stern

Assisted in performing autopsies:

- Removed decedent's skull cap and brain
- Removed decedent's viscera from hyoid bone to colon
- Drew vitreous fluid from eyes
- Drew blood from femoral arteries/heart

Master's Conference for Advanced Medicolegal Investigation
32-hour course, 2003
University of St. Louis, School of Medicine, St Louis MO

Medicolegal Death Investigator Internship 2003 and 2004 --96 hours.
Medical Examiner's Office, El Paso
Chief Pathologist, Dr. Corinne Stern

- Examined bodies at crime and accident scenes to determine cause and manner of death
- Photographed corpses and scene or scenes where death occurred
- Examined body for cause of death and evidence

- Fingerprinted corpses
- Collected evidence related to cause of death
- Interviewed family, lay, and law enforcement witnesses
- Counseled family members
- Observed autopsy
- Investigated deaths by motor vehicle accident, overdose, gunshot wounds, slip and fall, and natural causes.

Forensic Pathology for Investigators
16 hours
Public Agency Training Council
Comal Sheriff's Department
New Braunfels, TX 2010

The Pathology of Homicide 2003, 40-hour course
Southern Institute of Forensic Science
Dr. Ed Waldrip, Dr. Spence ME,
Lubbock

Medicolegal Death Investigator Training Course
32-hour course, 2002
St. Louis University School of Medicine.
American Board of Medicolegal Death Investigators. St Louis MO

Medicolegal Death Investigator Course
16-hour course--2003
American College of Forensic Examiners
Drs. Henry Lee and Cyril Wecht
DOJ National Guidelines for Death Investigation for Medical Examiners' Investigators Phoenix AZ,

Forensic Medical Investigation, 2002
40-hour course
Mary H. Dudley, MD, ME, Phoenix, AZ

Medicolegal Investigator Certification Course

16-hour course July 2006
American College of Forensic
Examiners International
Las Vegas, NV

Medicolegal Investigator 2005
16-hour Course
American College of Forensic
Examiners International
San Diego, CA

Medicolegal Investigator Training, 1987,
40-hour course
Office of Medical Investigation, New
Mexico Medical Examiner's Office

Basic Medicolegal Death Investigator
Training, 2007, 24-hour
University of New Mexico
School of Medicine
Office of the Medical Investigator,
Albuquerque, NM

Future of Forensic Science, Eye Witness
Identification, and the Impact of the
NAS Report March 2009
12.5 hours
CAIL Austin, UT Law School

Advanced Sexual Assault Investigation,
16-hour course
Verdicus Training, San Antonio, 2007

Sexual Assault and Domestic Violence
Police Officers Course
24-hour course, April 2006
Texas Police Association—ACC Police
Department
Austin, TX

Sexual Assault and Family Violence
24-hour course, April 2006
Texas Police Association
Round Rock Police Department
Round Rock TX

Sexual Related Deaths and Violent
Crime Scene Investigation
24-hour course Houston, 2005
Texas Rangers and the Southern Institute
of Forensic Science,

Dynamics of Sexual Assault 4 hours
EVAW on-line course April 2007

Preliminary Investigation of Sexual
Assault 4 hours
EVAW on-line course April 2007

John E. Reid Advanced Interview and
Interrogation Techniques
40-hour course, Austin TX

Forensic Photoshop
TriTech Forensic Science
16 hours October 12-13 2017
Round Rock Police Dept.

ANNUAL CONFERENCES

International Association of Forensic
Science (IAFS)
Toronto, CA 2017

American Academy of Forensic
Science (AAFS)
Total 32 hours

American Academy of Forensic Science
Annual Conference 2009
New Orleans LA

American Academy of Forensic Science
Annual Conference 2010
Seattle WA

American Academy of Forensic Science
Annual Conference 2015
Orlando FL

TCDLA Annual Forensics Seminar:
Total 93 hours

TCDLA Annual Forensics Seminar,
October 2010, 15 hours, Dallas TX

TCDLA Annual Forensics Seminar,
September 2009, 13-hour course,
Houston TX

TCDLA Annual Forensics Seminar,
September 2008, 13-hour course, Dallas
TX

Homicide Research Working Group
3-day conferences

Huntsville TX 20 hours
San Antonio TX 20 hours
St Louis MO 20 hours
Memphis TN 20 hours

TCDLA Annual Forensics Seminar,
September 2007, 13-hour course, Dallas
TX

TCDLA Annual Forensics Seminar,
September 2006,
13-hour course, Dallas TX
TCDLA Annual Forensics Seminar,
September 2005, 13-hour course, Dallas
TX

TCDLA Forensics Seminar,
September, 2004 13-hour course
National CDLA Forensics Seminar
Las Vegas 201