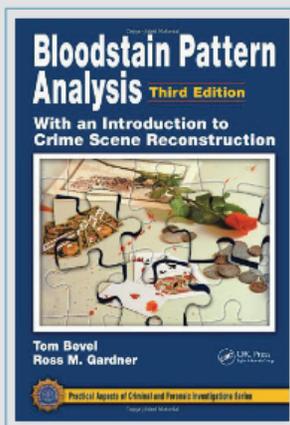


Bevel,  
Gardner  
& Associates Inc.



*A forensic education and consulting group.*

# BLOODSTAIN PATTERN ANALYSIS I



**HOSTED BY:**

Richland Police Department

January 24-28, 2022

Tuition: \$655.00

## COURSE INSTRUCTORS

Ross M. Gardner worked for the United States Army Criminal Investigation Command (USACIDC) as a felony criminal investigator for nearly twenty years. He retired as a Command Sergeant Major and Special Agent in 1999 after serving a total of 24 years in US Army law enforcement. Mr. Gardner subsequently served four years as the Chief of Police for the City of Lake City Georgia, a small suburban Atlanta police department. He is now retired and active in independent consulting. Mr. Gardner holds a Master of Arts degree in Computer and Information Systems Management from Webster University, a Bachelors degree in Criminal Justice from Wayland Baptist University and Associates degree in Police Science from Central Texas College. He graduated first in his class at the Scenes of Crime Officers Course, New Scotland Yard, Hendon England in 1985 and between 1988 and 1996 served as an adjunct professor for Central Texas College in their police science program. He is a former President of the Rocky Mountain Association of Bloodstain Pattern Analysts (RMABPA), as well as the Association for Crime Scene Reconstruction (ACSR) and has served as the Chairmen of the Education Committee for both the RMABPA and the International Association of Bloodstain Pattern Analysts (IABPA). Mr. Gardner was recognized as a Distinguished Member of ACSR in 2006. He is a charter member of the FBI Scientific Workgroup on Bloodstain Pattern Analysis (SWGSTAIN) and served as the chairmen of the taxonomy and terminology subcommittee from 2002 until 2009.

Tom "Grif" Griffin served 27 years with the Colorado Bureau of Investigation (CBI) as a criminal investigator and laboratory agent. While there, he provided analysis and testified as an expert witness in Colorado district courts and/or federal courts in bloodstain pattern analysis (BPA), crime scene reconstruction (CSR), shooting incident reconstruction (SIR), and crime scene investigation (CSI) and in the forensic analysis of fire debris, controlled substances, and primer residue (GSR). Prior to working at CBI, he was a criminalist and crime scene investigator at the Greeley, Colorado Police Department for four years. As a partner in BGA, he continues casework and testimony in BPA, CSR, and SIR and instructs BPA and CSR classes across the United States. Griffin is International Association for Identification (IAI) certified as a Senior Crime Scene Analyst (CSCSA), a Bloodstain Pattern Analyst (CBPA), and a Crime Scene Reconstructionist (CCSR). He served several years as a member of the IAI Bloodstain Pattern Certification Board and now serves on the IAI Crime Scene Certification Board. He is a member of the Organization of Scientific Area Committees (OSAC) Bloodstain Pattern Analysis Subcommittee and its Validation Task Group. Grif was a charter member of the Scientific Working Group on Bloodstain Pattern Analysis

*\*Course instructors subject to change.*

Bevel,  
Gardner  
& Associates Inc.



*A forensic education and consulting group.*

*The Bevel, Gardner & Associates staff:*

President:  
Tom Bevel

Vice President:  
Ross M. Gardner

Partners:  
Tom "Grif" Griffin  
Craig Gravel  
Jonathyn Priest

Associates:  
Kim Duddy  
Ken Martin  
David Dustin

### MAILING ADDRESS

7601 Sunset Sail Ave. • Edmond, OK 73034

### CORPORATE

bevelgardner@cox.net • 405-447-4469

### TRAINING COORDINATOR

rcgravel@bevelgardner.com • 405-706-8489



**REGISTER**

ONLINE: [www.BEVELGARDNER.com](http://www.BEVELGARDNER.com)  
PHONE: Craig at 405-706-8489

## COURSE TOPICS:

- > A Historical Perspective
- > Bloodstain Pattern Taxonomy & Terminology
- > Bloodstain Classification Decision Map
- > Utilizing Bloodstain Patterns in the Investigation
- > Blood Droplet Dynamics
- > Bloodstain Documentation
- > Determining Area of Origin
- > Laboratory Experiments
- > Stringing Method Practical

## STUDENTS WILL LEARN HOW TO:

- > Document a bloodstained scene.
- > Interpret bloodstain patterns to identify what actions produced these stains.
- > Identify area of convergence.
- > Identify area of origin.
- > Identify minimum number of impact blows.
- > Apply the scientific method to questioned stains.
- > Apply the scientific method in statement analysis.

## OBJECTIVES:

- > Demonstrate knowledge of the development, history and advancement of bloodstain pattern analysis.
- > Define the inherent limitations of bloodstain pattern analysis as a forensic discipline.
- > Identify key bloodstain patterns using a taxonomic classification system and understand the mechanism by which they are created.
- > Determine impact angles and area of origin for spatter patterns.
- > Describe proper protective measures to follow in a blood stained scene.
- > Demonstrate an ability to evaluate a basic bloodstain pattern scene.
- > Demonstrate the ability to properly document a blood stained scene by measuring and photo documentation.

## STUDENTS SHOULD BRING, IF POSSIBLE:

- > Old clothing suitable for painting
- > Camera
- > Calculator with trig. functions

## STUDENTS WILL RECEIVE:

- > Text book *Bloodstain Pattern Analysis, 3rd edition* by Bevel & Gardner
- > Lab manual

## STUDENTS WILL COMPLETE:

- > Ten experiments with whole blood
- > Analyze multiple bloodstain patterns

**Recommended hotels** for each class location are listed online at [www.bevelgardner.com/calendar](http://www.bevelgardner.com/calendar).

## REGISTER

ONLINE: [www.BEVELGARDNER.com](http://www.BEVELGARDNER.com)  
PHONE: Craig at 405-706-8489

