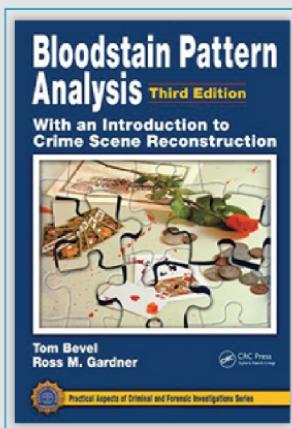




A forensic education and consulting group.

# BLOODSTAIN PATTERN ANALYSIS I



## HOSTED BY:

Bellingham Police Department

April 3-7, 2023

Tuition: \$695.00

## COURSE INSTRUCTORS

**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 (SWGSTAIN).

**Kim Duddy** retired from the Washington State Patrol Seattle Crime Laboratory with over 20 years of experience as a Forensic Scientist with expertise in crime scene reconstruction, bloodstain pattern analysis, and shooting incident reconstruction. Her expertise also encompasses the analysis and examination of evidence in many of the sub-disciplines of Trace Evidence. She was Supervisor of the Microanalysis Section for eight years. Ms. Duddy has been qualified as an expert witness in crime scene reconstruction, bloodstain pattern analysis, shooting incident reconstruction, and trace evidence analysis in Washington. She was forensic technical advisor and trainer for a regional Multiagency Investigative Response Team (MIRT). Ms. Duddy is certified by the International Association of Identification as a Senior Crime Scene Analyst. Ms. Duddy has been President twice for the Association for Crime Scene Reconstruction and also a Board Member. She is also a member of the International Association of Bloodstain Pattern Analysts, International Association for Identification, Pacific Northwest Division of the IAI, Rocky Mountain Association of Bloodstain Pattern Analysts, and Northwest Association of Forensic Scientists.

\*Course instructors subject to change.



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## 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).

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