Photography Instructors

John Williams

John Williams has over 31 years of law enforcement experience and is retired from the South Carolina Department of Public Safety, as the Section Chief of Advanced and Specialized Training. Immediately upon retiring, he opened John Williams Consulting, LLC, with a primary emphasis on providing training to law enforcement personnel. John has been teaching law enforcement and forensic courses for over 30 years specializing in forensic photography. He travels the country extensively providing training through his company, collaborating with other associates, and Forensic Training Source, LLC. He holds a Bachelors of Arts degree from the University of South Carolina. He is a member in good standing of SCLEOA, IAI, and SCIAI.

Kerri McClary

Kerri McClary received her BA in Criminal Justice from Central State University in Oklahoma. Her law enforcement career spans over 30 years; beginning as an Identification Technician with the Kansas Bureau of Investigation and culminating as a Special Agent with the South Carolina Law Enforcement Division. She is currently a Crime Scene Investigator with the Richland County Sheriff's Department. She has provided extensive training through the 10-week National Forensic Academy Training Program. She provides training to the law enforcement community nationwide and has an extensive background as a latent print examiner, crime scene investigator and forensic photographer. She is a certified crime scene analyst through the International Association for Identification. She is a past president and is currently a member of the South Carolina Chapter of the IAI.

Shooting Incident Reconstruction Instructors

Howard Ryan

Howard Ryan is currently a Forensic Operations Specialist with the Morris County Medical Examiner's Office. He retired in January, 2013 as a Lieutenant from the New Jersey State Police following a twenty-five year career. Mr. Ryan has over twenty years of crime scene investigative experience and has conducted over 2,000 scene investigations. He has testified numerous times as an expert witness in bloodstain pattern analysis, crime scene reconstruction and investigation, shooting analysis, scene processing and friction ridge processing. Mr. Ryan is a member of the New Jersey Division of the IAI and is a certified New Jersey Police Training Commission instructor.

James Molinaro - SIR

James Molinaro is currently a detective with the Major Crimes – Crime Scene Unit in Hunterdon County, NJ. He retired in December, 2008 as a Lieutenant from the New Jersey State Police following a twenty-six year career. Mr. Molinaro has over twenty-seven years of crime scene investigative experience and has conducted over 3,000 scene investigations. He has testified numerous times as an expert witness in crime scene reconstruction and investigation, shooting analysis, scene processing and friction ridge processing. Mr. Molinaro holds a Bachelor of Science Degree in Biology from Seton Hall University and is a member of the Association for Crime Scene Reconstruction, International and New Jersey Division of the IAI, is an associate member of the AAFS and is a certified New Jersey Police Training Commission instructor.

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40 hr Crime Scene Photography

Topics include:

- Functions, controls, and menu settings of digital single-lens-reflex (DSLR) cameras
- Depth of field and motion control
- Close-up photography and photography using forensic light sources
- Functions and controls of detachable flash units
- Solving lighting problems using fill-flash, painting with light and polarizing filters
- Interior and exterior crime scene and accident scene documentation
- Photographing impression evidence
- Photographing projectile flight paths
- Photographing victims and suspects
- Managing digital images

40 hr Shooting Incident Reconstruction

Topics include:

- Shooting reconstruction terminology
- Internal, external and terminal ballistics
- Gunshot residue and range of fire determination
- Identifying, detecting, measuring and describing bullet marks
- Behavior of projectiles on varying target surfaces
- Proper recording/documentation of bullet marks
- Motor vehicles as a target surface
- Humans as a target surface
- Flight path reconstruction, description and documentation
- Report writing - putting analysis and conclusions into words
- Courtroom testimony - explain/describe analysis and reconstruction

40 hr Basic Bloodstain Pattern Analysis:

This 40-hour course will provide the participants with first-hand knowledge of bloodstain pattern analysis. The course is divided into both lecture and laboratory sessions. The theoretical and fundamental principles of the discipline will be illustrated in the lecture segments and then will be reinforced in the laboratory segments with hands on applications. Each student will be afforded the opportunity to learn how blood reacts under known conditions and create reference patterns for future use.

Upon completion of this course, the participants will have acquired a basic understanding of how bloodstain pattern analysis will assist in their investigation of crime scenes where blood has been shed.

This course is well aligned with the recommended 40-hour course curriculum set forth by the International Association of Bloodstain Pattern Analysts and has been designed for investigators, crime scene technicians, forensic scientists, attorneys, and medico-legal investigators.

Topics include:

- History of Bloodstain Pattern Analysis
- Characteristics of Liquid Blood
- Target Surface Characteristics
- Stain Size, Shape, Distribution
- Impact Angle Considerations
- Establishing Origins of Spatter Patterns
- Stain Patterns resulting from Gravity
- Drip and Splash Patterns
- Projected Blood Patterns
- Impact Spatter Associated with Beatings
- Impact Spatter Associated with Gunshot
- Cast-off Bloodstain Patterns
- Expirated Bloodstain Patterns
- Transfer Patterns
- Altered Bloodstain Patterns
- Sequencing of Patterns
- SWGSTAIN Terminology
- Bloodstain Patterns on Clothing
- Documentation of Bloodstain Patterns
- Application of Bloodstain Pattern

Instructors

Paul Kish – Bloodstain Pattern Analysis

Paul Kish has over 20 years of experience as a consulting bloodstain pattern and crime scene reconstruction expert. He has been qualified in many courts of law as an expert in bloodstain pattern analysis. Mr. Kish has been consulted on homicide cases in 30 states, the District of Columbia, as well as, in Australia, New Zealand, Canada, Denmark, Iraq, Iceland, and England.

His lecturing has taken him throughout the United States, as well as to Canada, England, The Netherlands, and Sweden.

Mr. Kish has educated over 1000 students from 17 countries during 40-hour courses on the topic of bloodstain pattern analysis. He is currently a Fellow in the American Academy of Forensic Sciences, a Distinguished Member of the International Association of Bloodstain Pattern Analyst,and a co-author of "Principles of Bloodstain Pattern Analysis Theory and Practice."