

PETER R. VALENTIN, BSFS, MSFS, D-ABC, CSCSA

1 Kennedy Avenue Unit 3002, Danbury CT 06810

203-240-4789

peter@valentinforensics.com

EDUCATION

University of Verona, Verona Italy

Ph.D. Nanosciences and Advanced Technologies

Dissertation research focused on the instrumental evaluation of falling bullet incidents

2018 – 2021 (anticipated)

University of New Haven, West Haven, CT

M.S. Forensic Science – Criminalistics

2004 – 2008

John Jay College of Criminal Justice, New York, NY

B.S. Forensic Science Cum Laude

1999 – 2001

TEACHING EXPERIENCE

University of New Haven, West Haven, CT

Interim Undergraduate Coordinator and Lecturer, Forensic Science Department

Develop and teach forensic science courses to forensic science and criminal justice major students at the undergraduate and graduate level. Advise students in research projects. Teach crime scene and criminal investigation topics as faculty member of HC Lee Institute of Forensic Science.

2011 – present

Fairfield County Detective School, Fairfield County, CT

Instructor – Crime Scene Investigation and Forensic Science

Train newly promoted detectives from the Connecticut State Police and municipal police departments on crime scene and death investigation topics.

2007 – present

Post University, Waterbury, CT

Adjunct Professor

Developed syllabi and course structures for criminal investigation, cybercrime and fingerprinting courses.

2010 – 2011

University of Hartford, West Hartford, CT

Adjunct Professor “Forensic Science - Crime Scene to the Courtroom”

Developed syllabus and course structure. Taught lecture and laboratory portions.

2006 – 2010

Western Connecticut State University, Danbury, CT

Instructor – University Center for Adult Education

Proposed and developed curriculum for forensic science class geared toward students with limited scientific background.

2004 – 2006

Police Officer Standards and Training Council, Meriden, CT

POST Certified Police Instructor

Certified to instruct police officers in the areas of crime scene investigation, criminalistics, photography and criminal investigation.

2009 – present

WORK EXPERIENCE

Valentin Forensics LLC

Expert Testimony, Consulting and Training

Provide expert analysis and crime scene reconstruction based on case materials and laboratory report review. Train police officers and judicial officials in forensic disciplines such as crime scene reconstruction, blood pattern interpretation and shooting scene reconstruction.

2011 – present

Connecticut State Police

Major Crime Squad Detective

2006 – 2011

Responsible for crime scene investigation at homicides and suspicious deaths. Utilized current forensic techniques for the detection and enhancement of physical evidence. Investigated police involved shootings and managed complex investigations. Conducted interviews of victims, witnesses and suspects. Testified in court at hearings and trial. Wrote and executed search warrants as well as arrest warrants.

Resident State Trooper

2004 – 2006

Responsible for supervision of local police officers during assigned shift. Identified areas and conditions within town requiring additional police assistance and conducted complex criminal investigations.

Patrol Trooper

2002 – 2004

Conduct criminal investigations and motor vehicle crash investigations.

State Police Academy

2001 – 2002

Chosen by fellow recruits to be class speaker at graduation ceremony.

Connecticut Urban Search and Rescue

Law Enforcement Specialist, Rescue Specialist

2004 – 2012

Located and rescued victims trapped in confined spaces as the result of structural collapse, transportation accidents, collapsed trenches or disasters. Performed high angle rope rescues. Looked for signs of criminal activity at disaster scenes and directed evidence preservation and collection efforts.

US Department of Health and Human Services-National Disaster Medical System

Disaster Mortuary Operational Response Team (DMORT) Region II

2001 – 2006, 2018-present

Deployed to assist local jurisdictions in human remains recovery and identification in times of disaster. Participated in federal response in New York City to the COVID-19 pandemic as well as Hurricane Katrina disaster. Managed operations as deputy section chief and frequently deployed on strike teams operating outside the morgue.

Disaster Mortuary Operational Response Team-WMD Team

2006-2018

Decontaminate and identify human remains from mass casualty incidents involving radiological, chemical, biological or other hazardous materials. Returned to Region II when team was decommissioned in 2018.

New York City Police Department

Auxiliary Police Sergeant

1991 – 2001

Performed patrol functions and supervised officers during shift. Identified areas requiring additional police presence and interacted with members of community.

PROFESSIONAL INVOLVEMENT

National Institute of Standards and Technology

Organization of Scientific Areas Committees-Bloodstain Pattern Analysis Subcommittee
Member of the committee tasked with developing standards and best practices in bloodstain pattern analysis. Currently serving as executive secretary for 2019-2020.

2014-present

American Academy of Forensic Sciences

Director, Forensic Specialties Accreditation Board

2020-present

Charged with evaluating the procedures of forensic certifying bodies to ensure they meet standards for accreditation. Conduct site visits of organizations under assessment.

Member, Academy Standards Board, Bloodstain Pattern Analysis Committee

2016-present

Responsible for evaluating the procedures of forensic certifying bodies to ensure they meet standards for accreditation. Conduct site visits of organizations under assessment.

PUBLICATIONS, MARKETING AND PRESENTATIONS

"Forensic Reconstruction Theory to Practice"

Coauthoring chapter of bloodstain pattern analysis.

2019 – present

"Crime Scene Reconstruction in a Post-OSAC World"

Presentation given at American Academy of Forensic Sciences annual meeting in Baltimore, MD.

2019

"Investigation of Mass Fatality Incidents and Disaster Victim Identification"

Presentation given at International Scientific Conference 'Europoltech' in Gdansk, Poland.

2017

"Crime Scene Forensics"

Presentation given at Connecticut Department of Public Health Mass Casualty Management Training Conference in Windsor Locks, CT.

2016

"Infrared Photographic Analysis of Blood Under Paint, Using Varieties of Paint Pigments"

Aaron Sachs B.S. and Peter Valentin M.S.F.S.

Poster Session at American Academy of Forensic Science Conference in Seattle WA.

2014

"Assessing rate of error for blunt force impact spatter based on surface to target distance"

James Stevens B.S. and Peter Valentin M.S.F.S.

2013

"Forensic Ecology Handbook"

Coauthor of chapter on forensic botany.

2012

Business Law Academy – Lagos, Nigeria

Developed training programs in Abu Dhabi UAE and Cambridge UK for Nigerian justice officials on forensic science and the use of forensics in combating electoral fraud.

2013 – 2015

Journal of Forensic Research and Crime Studies, Editorial Board member

2013 – present

New Jersey Homicide Investigators Association

Annual Conference in Atlantic City, NJ

- Crime Scene Reconstruction For Detectives, Lab Analysts and Attorneys

2012 – 2014

Homicide Conference in Princeton, NJ

- Topics on maximizing use of physical evidence at crime scenes

2014

"The Crushing Weight of All the Evidence-Fixing a Broken System"

Presentation given at the Evidence Conference in Washington, DC.

2012

Brooklyn Law School

Guest Lecturer in National Security Law

Forensic Science in Domestic Terrorism Investigations.

2012

Northeastern Association of Forensic Scientists Annual Meeting

- Education Committee Chair
- Criminalistics Section Speaker
- Plenary session panel member with directors of NYPD and LAPD forensic laboratories titled "The Forensic Laboratory as a Testing Facility"
- Criminalistics and Interesting Case sessions speaker

2012 – 2013

2011

2010

2009

Sought out by media for on-camera or written analysis of current events

2012 – present

New York County Lawyers Association

Panel member in sessions on crime scene investigation.

2010 – 2013

Chosen for advertising campaign for the City University of New York forensic science program “Success Express” appearing in New York City subways. **2009 – 2011**

Publications, Marketing and Presentations (Continued):

“Forensic Evidence in Court”
 Interviewed in sections of book authored by Christine Lissitzyn JD. **2007**

“The Role of the Dentist at Crime Scenes”
 The Dental Clinics of North America-Dentistry’s Role in Disaster Response. **2007**

CERTIFICATIONS

Diplomate, American Board of Criminalistics **2015-present**
 Certificate #1142, Comprehensive Criminalistics

Certified Senior Crime Scene Analyst, International Association for Identification **2009-present**
 Certificate #CS15093

MEMBERSHIPS

- ANAB (formerly Forensic Quality Services), Provisional Technical Expert in Crime Scene
- American Academy of Forensic Sciences, General Section
- International Association of Bloodstain Pattern Analysts
- International Association for Identification, Connecticut Chapter-President 2018-2019
- Northeastern Association of Forensic Scientists
- Association for Crime Scene Reconstruction
- Council of Forensic Science Educators, Higher Education Committee member
- Bronx High School of Science Alumni Association
- MENSA, Southern Connecticut Chapter

LANGUAGES

- English – native language
- Spanish – speak, read, and write with competence

SPECIALIZED TRAINING

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| Interview and Interrogation | Cold Case Investigations |
| Advanced Interview and Interrogation | Advanced Surveillance Operations |
| Detection and Investigation of Fraudulent Documents | Arrest and Prosecution of Strangulation |
| Basic Crime Scene Processing | Chemical Enhancement & Alternate Light Sources |
| Advanced Crime Scene Processing | Hazardous Materials Crime Scene Processing |
| Scenario Based Crime Scene Processing (Clandestine Grave Recovery) | Hazardous Materials Technician |
| Shooting Incident Reconstruction | CORE Rescue Technician |
| Advanced Shooting Incident Reconstruction | Confined Space Rescue Technician |
| Blood Pattern Analysis | Vehicle and Machinery Extrication Technician |
| Digital Photography for Law Enforcement | Trench Rescue Technician |
| Advanced Forensic Photography | Incident Command ICS 100, 200, 700, 800 |
| Instructor Development | Hazardous Material Technician for Mortuary Operations |
| Indoor Post Blast Investigation | Ground Penetrating Radar Technician |
| WMD Crime Scene Investigation | NYPD Homicide Investigator’s Course |
| Incident Response to Terrorist Bombings | Bloodstain Patterns on Textiles |
| | Homicide Investigation |