



John Paolucci – President CSI Experts Inc.

Curriculum Vitae

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July 28, 1964 date of birth

OBJECTIVE

John Paolucci created C.S.I. Experts Inc. (formerly Forensics 4 Real Inc.) to provide students and law enforcement, legal and media personnel with training and instruction on true to life applications of evidence collection and crime scene processing. John is also an expert witness specializing in bloodstain pattern analysis, shooting scene reconstruction and crime scene analysis and reconstruction including evidence collection/documentation procedures and protocols.

EDUCATION

Iona College New Rochelle, NY 1986 – 1990

Bachelor of Science Humanities/Criminal Justice

Bard College Annandale-on-Hudson, NY 1984 – 1985

Literature and writing

SUNY Brockport Brockport, NY 1982 – 1983

Psychology

EMPLOYMENT

CSI Experts Inc. (formerly Forensics 4 Real, Inc.) Lagrangeville, NY January 2012 – present

Founder and President

Training and consulting – Instruction in forensic evidence, crime scene processing, and other police related topics. Specializing in shooting scene reconstruction and bloodstain pattern analysis. Working with students, film makers, law enforcement, attorneys and writers.

Investigations – Licensed & Bonded Private Investigator. Provide private investigation services relating to homicides and serious crimes and forensic support to private investigators using Bloodstain Pattern Analysis, DNA, fingerprints, and other forensic techniques to reconstruct events and provide testimony and documentation regarding the results of forensic analyses.

Expert Witness – Crime scene analysis: Case review, evaluation, reconstruction, diagram preparation, report writing and courtroom testimony.

Real Crime Dramas – Works on camera to analyze and interpret crime scene evidence and describe to the audience how an investigation is influenced by the forensic evidence.

Adjunct Professor – Mercy College (2014 – 2018)

Professor of Crime Scene Investigations: This course teaches students the disciplines necessary to reconstruct events at a crime scene and insight into what it is like to be a crime scene investigator. Students also process mock crime scenes and are given hands on exercises.

Professor of Criminalistics: This course teaches students about laboratory analyses that are related to crime scene investigations. The students are also given hands on exercises and mock crime scenes to apply their learning in a practical aspect.

NYPD New York, NY 2004 – 2012

Detective Sergeant – Forensic Investigations Division

Commanding Officer OCME Liaison Unit

- Selected to form and command a new unit responsible for managing and vetting all DNA Evidence in the City of New York.

- Liaison to the Department of Forensic Biology at the Office of Chief Medical Examiner (OCME), where DNA analysis is performed.

- Trained over 2,000 NYPD personnel in DNA evidence and evidence collection.

- Reviewed thousands of violent crimes for probative value of DNA and other forensic evidence.

John Paolucci
 President – CSI Experts Inc.
 Curriculum Vitae

- Collated data to revise NYPD’s practices of collecting, documenting, and packaging forensic evidence/DNA evidence.
- Performed quality assurance checks of forensic evidence documentation and used data-driven results to institute new training for evidence collectors. Collaborated with OCME managers to identify areas where laboratory resources can be conserved

Supervisor in Crime Scene Unit:

- Responded to, searched, assisted processing, supervised crime scenes primarily involving homicides and sexual offenses.
- Hundreds of death scene investigations physically present at the scene
- Hundreds more cases reviewed in a supervisory capacity.

NYPD New York, NY 1999 – 2004

Sergeant

Patrol Sergeant in Central Harlem. Sergeant Investigator in Traffic Control Division and Internal Affairs Bureau.

First Responder September 11, 2001

NYPD New York, NY 1996 –1999

Undercover Detective

Trained Undercover making over 200 buys of controlled substances in Manhattan North and Manhattan South boroughs. Selected by supervisors for sensitive and difficult assignments. Trained in wiretaps and surveillance.

NYPD New York, NY 1992 –1996

Housing Police Officer

Patrol Officer in South Bronx Housing Projects. Active police officer with over 100 arrests, concentrating on drugs and firearms offenses. Most arrests were self-initiated.

TRAINING
RECEIVED

Course Title/Venue (<i>training certificates provided upon request</i>)	Month/Year	Hours
Miami Dade Public Safety Training – <u>Violent Crime Scene Reconstruction</u>	May-19	40
International Firearm Specialist Academy – <u>Firearm Technology and Specialist Training</u>	Jan-18	24
Forensic Technology Center of Excellence (NIJ) and NCSU Textile College – <u>Bloodstain Pattern Analysis on Textiles</u>	Oct-17	24
Tritech Forensics - <u>Full Spectrum and Forensic Light Source Photography</u>	Sep-16	40
Baltimore Forensic Institute of Training and Innovation – <u>Introduction to Forensic Firearms Identification and Examination</u>	Jun-15	40
Northeast Forensic Train Center – <u>Advanced Fabrics Bloodstain Pattern Analysis</u>	Mar-15	80
CSI Academy of Florida - <u>Courtroom Testimony for the Crime Scene Investigator</u>	Nov-14	16
Foray Technologies/Durham PD – <u>Photoshop for Forensic Applications</u>	Jul-14	24
Northeast Forensic Training Center – <u>Advanced Bloodstain Pattern Analysis</u>	Mar-14	40
Miami Dade Public Safety Training Institute - <u>Math & Physics for Bloodstain Pattern Analysis</u>	Feb-14	40

John Paolucci
 President – CSI Experts Inc.
 Curriculum Vitae

University of Tennessee Forensic Anthropology Center – <u>Identification of Human Remains</u>	Jun-13	40
Miami Dade Public Safety Training Institute – <u>Bloodstain Pattern Analysis (BPA)</u>	Mar-13	40
NYPD – <u>Homicide Investigators Course</u>	Jan-10	80
Forensic Training and Consultants – <u>Shooting Incident Reconstruction</u>	May-07	24
New Mexico Tech EMRTC (40 hrs.) – <u>Incident Response to Terrorist Bombings - February 2007</u>	Feb-07	40
Forensic Training and Consultants (24 Hours) – <u>Use of DNA in Crime Scene Reconstruction</u>	May-06	24
NYPD CSU – <u>Evidence Collection Course</u>	Mar-06	40
NYPD CSU – <u>Computer Aided Crime Scene Diagram Techniques</u>	Jan-05	16
Nikon Forensic Services (16 hours) – <u>Forensic Photography</u> - November 2005	Nov-05	16
NYPD IAB– <u>Internal Investigators Course</u>	Feb-02	80
Total Hours		768
<u>WORKSHOPS/Symposiums/Online Courses</u>		
TriTech Forensics Training Division – Advanced CSI: Shooting Scene Investigations	April – 21	6
2020 International Association of Bloodstain Pattern Analysts Virtual Conference – <i>Attendance at all USA and Asia-Pacific presentations</i>	November – 20	10
TriTech Forensics Training Division – Crime Scene Search Principles & Patterns	July – 20	2
TriTech Forensics Training Division – Basic Sexual Assault Photography	August – 20	4
Forensic Technology Center of Excellence (NIJ) – <i>Ventilation Limited Fires: Considerations for Fire Pattern Analysis</i>	June – 20	1
	Feb – 20	2
Delta Forensics LLC – <i>Latent Print Processing Blood Reagents</i>		
IAI Conference Reno NV – <i>A Simple Step-by-Step guide to Excellent Impression Evidence Photographs</i>	Aug-19	4
IAI Conference Reno NV – <i>Taking Your Photos from Good to Great</i>	Aug-19	2
IAI Conference Reno NV – <i>Long Exposure Photography at the Crime Scene</i>	Aug-19	4
IAI Conference Reno NV – <i>Intermediate Digital Imaging Workshop (Photoshop)</i>	Aug-19	2
IAI Conference Reno NV – <i>What's in Your Wallet (security features in current federal reserve notes taught by Secret Service Agent)</i>	Aug-19	4
West Virginia University (online course) – <i>Hair Examination for DNA Analysis</i> – 1.5 CEU	Mar-07	15
West Virginia University (online course) – <i>Integrated Ballistic Identification System</i> (1.5 CEU)	Mar-08	15
West Virginia University (online course) – <i>Automated Fingerprint Identification System</i> (1.5 CEU)	Feb-07	15
Henry C. Lee Institute of Forensic Science - <i>Advanced Death Investigation</i> – (Symposium)	Oct-12	16

John Paolucci
 President – CSI Experts Inc.
 Curriculum Vitae

Henry C Lee Institute of Forensic Science – Management and Investigation of Shooting Incidents – (Symposium)	Oct-13	16
IABPA Rome, Italy – <i>Reflected Infrared and Ultraviolet Photography (workshop)</i>	May-15	4
IAI Conference Minneapolis, MN – <i>Measuring the Accuracy of Impact Bloodstain Patterns</i> Workshop	Aug-14	2
IAI Conference Minneapolis, MN – <i>Who Shot What, Where and When....Trajectory Reconstruction Vehicles</i> Workshop	Aug-14	4
Minneapolis, MN – <i>Examination of Bloodstain Patterns on Clothing</i> Workshop	Aug-14	4
IAI Conference Minneapolis, MN – <i>Applying Bloodstain Pattern Analysis Methodology to Casework</i> Workshop	Aug-14	3
IABPA Annual Training Conference Ft. Worth, TX – <i>Arterial Pattern Production</i> Workshop	Sep-15	3.5
IABPA Annual Training Conference Ft. Worth, TX – <i>Impact Pattern Analysis & Visualization with Hemospat -</i> Workshop	Sep-15	3.5
IABPA Annual Training Conference Redondo Beach, CA – <i>Lessons Learned – A Case Review</i> Workshop	Sep-17	4
IABPA Annual Training Conference Redondo Beach, CA September 2017 – <i>Fundamentals of Fluid Dynamics (4 hrs)</i> Workshop	Sep-17	4
RTI International (Online Course) – <i>Shooting Reconstructions: 4 Elements of Trajectory</i>	Sep-17	1.5
Total Hours		151.5

**ORGANIZATIONS/
ASSOCIATIONS**

American Academy of Forensic Sciences (AAFS)

- The American Academy of Forensic Sciences is a multi-disciplinary professional organization that provides leadership to advance science and its application to the legal system. The objectives of the Academy are to promote professionalism, integrity, competency, education, foster research, improve practice, and encourage collaboration in the forensic sciences.

International Association for Identification (IAI)

- The International Association for Identification is a professional membership organization comprised of individuals worldwide who work in the field of forensic identification. With over 6,500 members from 77 countries, the IAI remains the oldest and largest forensic science/identification association in the world.

International Association of Bloodstain Pattern Analysts (IABPA)

- Encourage and promote the science of Bloodstain Pattern Analysis,
- Standardize the scientific techniques of Bloodstain Pattern Analysis,
- Promote education and encourage research in the discipline of Bloodstain Pattern Analysis, and
- Inform members of the latest techniques, discoveries and developments in Bloodstain Pattern Analysis.

Association for Crime Scene Reconstruction (ACSR)

- Encourage the exchange of information & procedures useful in the reconstruction of crime scenes
- Stimulate research and develop new and/or improved methods of crime scene reconstruction
- Promote the improvement of professional expertise of people working in the field through education & training
- Publish a journal for the distribution of information relating to crime scene reconstruction
- Promote cooperation & communication between agencies, disciplines, and members of the Association

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

- Provide the opportunity for members to consult with their peers on cases
- Provide members access to experts from various disciplines within the Association membership

International Crime Scene Investigators Association (ICSIA)

- Assist Law Enforcement personnel responsible for processing crime scenes.
- Share Crime Scene Investigation techniques with CSI personnel worldwide.

International Homicide Investigators Association (IHIA)

- The mission of the International Homicide Investigators Association (IHIA) is to provide active support to law enforcement death professionals through leadership, training, networking, and provision of resources and expertise to resolve cases.

POSITIONS HELD WITHIN ORGANIZATIONS/ASSOCIATIONS

American Academy of Forensic Sciences (AAFS) – Academy Standards Board (ASB) for Bloodstain Pattern Analysis

- Selected to be on ASB consensus body for bloodstain pattern analysis as a Subject Matter Expert.
- Selected to be the Liaison between the ASB and the International Association of Bloodstain Pattern Analysts.
- Consensus body is a “Standards Development Organization” (SDO) responsible for reviewing, developing, approving standards in the discipline of bloodstain pattern analysis.

American Academy of Forensic Sciences (AAFS) – Academy Standards Board (ASB) for Crime Scene Investigations

- SDO (see above) responsible for reviewing, developing, approving standards relating to the discipline of Crime Scene Investigations.

International Crime Scene Investigators Association (ICSIA)

- Board of Directors
- Currently serving as Director of Training

**Licenses/
Certifications**

- New York State Private Investigators License Number 11000180693
- Qualified as a Specialized Law Enforcement Instructor on Crime Scene Topics.- Arkansas Commission on Law Enforcement Standards and Training

KEY SKILLS

Integrity

Served in positions of integrity and internal investigations in NYPD for over five (5) years. Served as Quality Assurance manager in Forensic Investigations Division OCME Liaison Unit.

Innovator

Chosen as first ever Commanding Officer of NYPD’s OCME Liaison unit and developed strategies and techniques to accomplish difficult objectives. Learned the skills for creating a business within NYPD then created a successful business in private sector.

Leader

Thirteen years as a supervisor in NYPD.
Trainer of investigators.

Diligent

Worked to make both NYPD OCME Liaison Unit and CSI Experts Inc. successful businesses.

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Responsible for maintaining inter-agency relations between NYPD and Medical Examiner's Office – Forensic Biology as well as other outside agencies.

Professional

Continues education in forensic disciplines to remain current in disciplines related to crime scene reconstruction.

Excellent Communicator

Designated as the "One Voice" by the NYPD's Chief of Detectives when outside agencies had questions about evidence submitted for any laboratory examinations. Performed multiple interviews on radio, internet and television. College Professor.

AWARDS

Police Commissioner's Roosevelt Award

For dedicated service in overcoming a severe career ending injury and returning to duty. Awarded by Commissioner Raymond Kelly and award named after Theodore Roosevelt.

NYPD's Unit Citation (3)

Received the esteemed Unit Citation from the Mayor of NYC for excellence as the commanding of the OCME Liaison Unit. First person in NYPD history to hold that position. Unit Citation awarded after only one year in service as C.O. of OCME Liaison Unit.

Unit Citation while serving as supervisor in Police Service Area 6, Central Harlem Housing Bureau

Unit Citation while serving as undercover narcotics detective in Northern Manhattan Initiative – Washington Heights area narcotics enforcement.

NYPD's Supervisor Detective Squad Promotion

Promoted to *Detective Sergeant* for actions as OCME Liaison Unit commanding officer.

NYPD's Commanding Officer Recognition (2)

Recognized by the Commanding Officer of the Forensic Investigations Division.
Recognized by the Commanding Officer of Internal Affairs Bureau Group12

Media Events

Reelz Network – December 2019

Expert commentary in four part series "How to Survive a Murder". Analyzed crime scene and

ID Channel – September 2019

New series "New York Post Investigates". Provided case analysis and crime scene analysis for homicide investigation

UATW Productions – March 2012

Consulted with president Chazz Menendez regarding crime scene investigations and types of forensic evidence and laboratory analyses that are available in specific scenarios that could identify the perpetrator of a crime.

John Walsh Productions – September 2012

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Contacted by and consulted with Steve Katz, Vice President of development at John Walsh Productions about treatment for new television series. Wrote an analysis of an investigation that was used in the treatment.

Variety Topics Radio – November 2012/December 2012 (2X)

Appeared as forensic expert for two (2) one hour interviews discussing crime scene investigations and forensic evidence. Email and call in questions fielded during program. Recalled as a guest to add forensic evidence perspective to cold case investigations programs.

ID Channel – February 2013

Contacted by on air personality Aphrodite Jones who requested an analysis of the forensic evidence for O.J. Simpson investigation and Trayvon Martin incident. On camera interview at demonstration in New York City's Union Square regarding Trayvon Martin incident.

Variety Topics Talk Radio – February 2013

Guest to appear with Joseph Giacalone on the topic of missing persons investigations. How DNA plays a significant role, protocols and database applications.

Forensic Week - April 2013

Featured guest on www.forensicweek.com with Tom Mauriello. Topic: "Forensics 4 Real – A Company and an Idea". Covered NYPD career highlights and business ventures with Forensics 4 Real Inc.

I.D. Channel – June 2013

Forensic Expert for new show "Tabloid" that highlights newsworthy investigations. Investigation Discovery Channel flew John Paolucci to Los Angeles for on camera interview. Provided commentary on a staged crime scene and the forensic evidence regarding the murder of a NYPD criminalist from the New York City Police Laboratory.

Forensic Week - July 2013

Featured guest on www.forensicweek.com with Tom Mauriello. Topic: "Death Investigations Come to Life". Discussed the crime scene investigators' duties at a death scene and the collection of forensic evidence.

Variety Topics Talk Radio – September 2013

Featured guest to appear with Ron Pennington on the topic of the evolution of investigations and laboratory analyses that are available to today's investigators.

NBC News Radio "It's a Crime Radio" – October 2013

Featured guest with host Margaret McLean, discussing DNA evidence from collection at a crime scene to laboratory analysis to its impact in the courtroom.

Forensic Week - July 2013

Featured guest on www.forensicweek.com with Tom Mauriello. Special guest Dr. Richard Saferstein. Discussed progress of DNA analysis to include "Rapid DNA" and the CODIS databases.

WGBB Radio "Street Wise" – January 18, 2014

Live on air interview with host Lou Telano and Joseph Giacalone discussing homicide investigations and business endeavors in training new homicide investigators.

Dick Wolf Production – June 2014

A & E series titled "Dead Again. – Episode titled "Thou Shalt Not Kill". Hired as a Bloodstain Pattern Analyst to investigate a 1980 murder from Ohio where a Nun was murdered and a priest was arrested 24 years later as the

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

killer. Consulted with investigators about transfer patterns on an altar cloth that the victim was wrapped in as the assault took place.

Mentoring/
Internships

Italian Medical Biologist Internship – November 2015

Sponsored a University of Padova graduate with a masters in Medical Biology to come to the USA and intern with Forensics 4 Real Inc. and arranged opportunities to work at Connecticut OCME (pathology), Baltimore, MD crime laboratory and New York City's OCME Forensic Biology Department.

Putman Counts SPCA Police – September 2014

Trained investigators of animal cruelty and killing of animals in bloodstain pattern analysis, crime scene documentation and latent print development. The Putman County SPCA Police often respond to animal crime scenes that have all the elements of a murder scene.

PUBLICATIONS

Pennsylvania Lawyer – March 2013

Authored an analysis from the perspective of a NYPD Detective Bureau supervisor regarding DNA laboratory analysis reports that indicate a mixed profile was produced.

Crime Magazine – September 2013

Authored an article titled "The Mechanics of Investigating a DNA 'Partial Match'". Explains how a protocol was established to effectively manage sensitive material that has the potential to develop a good investigative lead.

Law Enforcement Today Magazine – October 2013

Authored article entitled "Streamlining Interagency Communications" describing my groundbreaking work establishing DNA evidence protocols and building a rapport with the NYC Office of Chief Medical Examiner (OCME).

Crime Magazine – October 2013

Authored an article titled "What if Nicole Brown Simpson and Ron Goldman Had Been Murdered in 2013?" This article provides an analysis of the forensic evidence in the O.J. Simpson trial and delineates technological advances in DNA and forensic evidence collection and crime scene protocols to demonstrate how modern changes in the field as well as the laboratory could have had an effect on the jury's decision.

Law Enforcement Today Magazine – November 2013

Authored article entitled "New York City Housing Police: A Bygone Era Worth Talking About". Article describes patrolling the projects in the South Bronx, working as part of an agency that no longer exists since then Mayor Rudy Giuliani merged three police agencies in New York City.

New York Daily News – December 11 2013

The New York Daily news published an article by John Paolucci titled: "Why Morale Surged In Bratton's NYPD". This article provides an analysis of the NYPD under two different management styles; that of William Bratton and that of Raymond Kelly. The article held the top spot for "Most Read" in that issue of the Daily News.

The Crime Report – December 17, 2013

Authored an article titled "Please Don't Call It Stop and Frisk" This article explains how the New York State Criminal Procedure Law allows officer to take summary action when they are dealing with a particular probative standard known as 'reasonable suspicion'. It was written in response to the many misconceptions of what NYPD officers are allowed to do when it comes to encountering an individual they do not have cause to arrest but seek to glean more information about.

The Crime Report – January 14, 2014

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Authored an article titled “When Cops Use Force – The Limits of Gerbil Voodoo” This article discusses the difficulties in determining what is the appropriate amount of force a police officer can use and programs designed to teach officers how to avert situations where force may become necessary.

New York Daily News – August 23, 2014

The New York Daily news published an article by John Paolucci titled: “Resisting Cops with Impunity”. This article provides an insider’s perspective as to the dangers of a perpetrator resisting arrest as well as the prosecutors’ reluctance to pursue charges for assaulting a police officer and resisting arrest.

New York Times – Ferguson, MO Police Shooting – August 24, 2014

Interviewed by the New York Times and comments were published in an article titled “Timeline of a Body”. Commented on crime scene processing procedures in response to questions regarding the four (4) hour time frame where the body remained on the scene.

Practical Analysis and Reconstruction of Shooting Incidents – Edward E. Hueske 2nd Edition CRC Press Boca Raton FL.

Authored section titled “Photoshop in Reports and Court Testimony” where I explain how to create demonstrative exhibits using photo editing software. The exhibits are useful for explaining to readers and jurors precisely how certain items of evidence relate to each other and to draw their attention to the specific detail that you are highlighting. A case example was used to demonstrate how this is useful. (pgs. 426 – 428)

Professional
Publications -
Textbook

International Crime Scene Investigators Association Conference Naperville, IL – September 2019

Presentations on shooting incident reconstruction to include bullet impact angle determination and bullet ricochet phenomena. Also gave presentation on SC vs. Michael Slager and crime scene reconstruction that I performed to find the truth behind the incident.

PRESENTATIONS
TO
PROFESSIONAL
ORGANIZATIONS

International Association for Identification National Conference Reno, NV – August 2019

Presented a shooting reconstruction of office involved incident in North Charleston, SC that involved the case of SC vs. Michael Slager. The use of IR photography, trajectory analysis and Taser usage were critical aspects of this case analysis.

International Association of Bloodstain Pattern Analysts Conference Redondo Beach, CA – September 2017

Presented an officer involved shooting case at function hosted by Stuart James known as “Bring Your Own Case”. Focused on Infra-red photography to see defects on dark colored fabrics.

National Institute of Standards and Technology and the Federal Bureau of Investigation – Hosts of “International Symposium on Forensic Science Error Management - June 2017.

Presented “The Pristine Scene”. This presentation was designed to give attendees insight into mechanisms and practices designed to minimize alteration of the scene and creation of artifacts by first responding personnel and agency management making unauthorized entries into your crime scene.

Henry C. Lee Institute of Forensic Science “Forensic Science for Teachers” Course - July 2017:

Presented case studies to an international group of teachers who teach crime scene investigations to students. Created mock crime scenes and had students collect evidence and document forensic evidence within the scene.

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

New York State Association of Criminal Defense Lawyers (NYSACDL) – December 2016

Gave a presentation on bloodstain pattern analysis (BPA) to NYSACDL where attendees were taught some of the history of BPA as well as how to analyze a crime scene. The taxonomy of bloodstain patterns and mechanisms typical to the creation of such patterns was presented as well as ways to reconstruct an incident by means of scientific analysis of bloodstain patterns created from impact.

International Association for Identification Connecticut – November 2015

Gave a presentation on bloodstain pattern analysis and artifacts created by first responders in bloodstains. Presented two cases and recommended solutions and pro-active measures to prevent/minimize crime scene contamination.

International Association of Bloodstain Pattern Analysts Conference Rome, Italy – May 2015

Selected by the head of Rome’s Carabinieri Scientific Investigations Division to give a presentation on excessive personnel in crime scenes and artifacts that can be created by mishandling of evidence. Provided solutions and proven tactics to prevent crime scene contamination by untrained and/or excessive personnel who enter crime scenes.

International Association of Bloodstain Pattern Analysts Conference, Portland, ME – October 1, 2014

Introduced by esteemed Bloodstain Pattern Analyst Stuart James, John presented his analysis of a double homicide case for which he was hired to interpret the bloodstain patterns. In this case, it was alleged that this was an execution and one victim was placed on her knees and shot. When opposing counsel received John’s Bloodstain Pattern Analysis report, a rush to make a plea deal immediately ensued.

Westchester County Detectives Association – January 2015

Created and presented a lecture on “Basic Bloodstain Pattern Analysis for the Investigator”. The audience was trained on the different categories of bloodstains and the mechanisms that create them. The information was then applied to an actual double homicide case to demonstrate the value of this forensic discipline.

Westchester County Detectives Association – April 2014

Presented detectives from a variety of agencies located in Westchester County with a lecture on “Complacency & The value of a thorough investigation”, where case studies revealed how small oversights can have a significant impact on an investigation and the forensic evidence.

Shooting Incident Reconstruction – University of Arkansas Criminal Justice Institute – October 2020

Training of investigators and line level law enforcement personnel in the analysis and reconstruction of shooting incidents. Course involved classroom presentations as well as a day of live fire on a shooting range that was supplied with four (4) motor vehicles. Students created ballistic defects in vehicles with live fire and reconstructed the bullet paths.

Shooting Incident Reconstruction – Henry Lee Institute University of New Haven – June 2019

Trained crime scene investigators, students and law enforcement personnel from UK, South Korea and the USA with live fire, hands-on exercises and classroom lectures in determining directionality from ricochet marks and multiple methods for calculating bullet impact angles as well as sequencing bullet holes in automotive glass.

Shooting Incident Reconstruction – Henry Lee Institute University of New Haven – June 2018

Training of
Investigators

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Trained crime scene investigators, students and law enforcement personnel from UK, South Korea, Taiwan and the USA with live fire, hands-on exercises and classroom lectures in determining directionality from ricochet marks and multiple methods for calculating bullet impact angles as well as sequencing bullet holes in automotive glass.

Shooting Incident Reconstruction – Henry Lee Institute University of New Haven – May 2017

Trained crime scene investigators in determining directionality from ricochet marks and multiple methods for calculating bullet impact angles through case examples and hands on exercises.

Bloodstain Pattern Analysis – Valentin Forensics December 2016

Trained crime scene investigators in categories of bloodstain patterns and the reconstruction of bloodstain impact patterns using hands on exercises.

Bloodstain Pattern Analysis – Henry Lee Institute University of New Haven November 2016

Trained crime scene investigators in categories of bloodstain patterns, directionality of passive bloodstains, impact patterns and their reconstruction, voids, projected blood, direction of force, transfer stains through case examples and hands on exercises.

Introduction to Shooting Incident Reconstruction – St Louis County, St. Louis MO September 2015

Provided P.O.S.T. accredited training in a three (3) day course of instruction on investigating crime scenes that involve the discharge of a firearm. Students were taught how to determine and reconstruct bullet impact angles using trajectory rods and lasers as well as trigonometric formulas to determine a bullet impact angle. Students also reconstructed bloodstain impact patterns, were shown the benefits of IR photography, learned about bullet ricochet phenomena and were given cases examples to analyze and case presentations.

Connecticut Homicide Investigator’s Course (Greenwich PD) – June 2014

P.O.S.T. accredited. Provided instruction to investigators and first responders throughout the state of Connecticut and surrounding New York suburbs. Training included duties and responsibilities of first responders, approaching, searching and processing a crime scene, the “CSI Effect”, introduction to basic bloodstain pattern analysis for investigators.

Connecticut Homicide Investigator’s Course (Greenwich PD) – May 2013

P.O.S.T. accredited. Presented two days of forensic instruction to investigators and first responders throughout the state of Connecticut and surrounding New York suburbs. Training included the identification, documentation and collection of forensic evidence, DNA exemplar collection/packaging as well as comprehensive account of forensic evidence, laboratory analyses available, collection techniques and case studies.

Connecticut Homicide Investigator’s Course (Danbury PD)– September 2013

P.O.S.T. accredited. Presented two days of forensic instruction to investigators and first responders throughout the state of Connecticut and surrounding New York suburbs. Training included duties and responsibilities of first responders, approaching, searching and processing a crime scene, the “CSI Effect”, introduction to basic bloodstain pattern analysis and “Lessons learned – the hard way” – case studies in mistakes and oversights that had a significant impact on an investigation.

New Rochelle H.S. Forensics Students – April 2012

Lectured students of forensics on crime scene investigations and forensic evidence using examples of experience

Rye Neck H.S. Forensics Students – December 2012

Lecture on Crime Scene Investigations with a focus on First Responders duties and responsibilities.

LECTURES

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Larchmont Public Library – April 2013

Lecture “Cracking CSI”. Presentation on true to life forensic evidence collection and crime scene processing with comparisons to T.V. Drama series.

Henry C. Lee Academy of Forensic Science, University of New Haven – April 2013

Introduced by Dr. Henry Lee. Opening speaker in Homicide Investigator’s course. Presented students with comprehensive account of forensic evidence, laboratory analyses available, collection techniques and case studies.

Larchmont Public Library – April 2013

Presentation on crime scene investigations and forensic evidence with section on response to bombing/post blast incidents and identification of bomb components.

Osbourne Men’s Club Rye, NY – July 2013

Introduction to forensic evidence. Case studies with comparisons between television dramas and real life crime scene investigations.

Larchmont Public Library - April 2014

“O. J. Today”. A look at the evidence from the murders of Nicole Brown Simpson and Ron Goldman to see how a modern jury would respond to this evidence. Also, how today technology with higher sensitivity DNA testing is would have improved results and made it easier for a jury to follow the analysis process and interpretation of the results.

Morbid Anatomy Museum (Brooklyn, NY) – July 2014

“Identifying Human Remains”. Lectured to an audience of amateur investigators regarding how human remains are identified, why they are identified and several different scenarios where documentation of incident locations and human remains played a vital role in bringing an investigation to a conclusion.

John Jay College of Criminal Justice – December 2014

Lectured to criminal justice students on securing a crime scene, identifying forensic evidence, contamination issues and bloodstain pattern analysis. Presented cases and interactive discussions continuing past the end of class.

Learning In Retirement – February 2015

Created a presentation to educate the audience in the various forensic disciplines and the actual success rates of laboratory analyses vs. the crime dramas on television. The audience was then brought through actual crime scene investigations and showed the application of the disciplines they learned.

Mamaroneck High School – February 2015

Students in forensics were presented with John’s trip to Paraguay to exhume a body to complement their current topic of Forensic Anthropology. Students were also walked through actual homicide investigations and made to feel that they were a part of the crime scene.

Old Guard – April 2015

Lectured to an audience of professional men now retired on the ups and downs associated with homicide investigations. Introduced audience to various forensic disciplines and presented actual cases that demonstrated successes and failures in the field of death investigations.

John Paolucci
President – CSI Experts Inc.
Curriculum Vitae

Learning in Retirement – October 2015

Created a presentation on cases with controversial verdicts and how today's technology and forensic applications may have affected the verdicts. The presentation focused on Lizzy Borden, Sam Sheppard and O. J. Simpson cases and technology such as Infra-Red photography, Rapid DNA, laser scanning and high sensitivity DNA analysis.

Expert Testimony Qualifications

State	Area of Expertise
New York	Crime Scene Reconstruction Bloodstain Pattern Analysis
Texas	Crime Scene Investigations
Illinois	Bloodstain Pattern Analysis Crime Scene Investigations
South Carolina	Bloodstain Pattern Analysis

City of New York Assigned Counsel Plan Expert – February 2014

Listed as a Crime Scene and Bloodstain Pattern Analysis Expert on the Supreme and Criminal Courts for all five (5) counties in the City of New York. New York's Assigned Counsel Plan from the Office of the Mayor of the City of New York.

Expert Services
(Month and Year reflect time period when I was engaged as an expert by counsel)

Florida vs. Oscar Novo – Manner of Death – August 2020:

Reconstruction of events regarding victim's death. Analysis of the crime scene and comparison to police reports and witness statements

Death of Donald Wayne Grace – Manner of Death Investigation – Florida – August 2020:

Victim died of a gunshot wound. CSI Experts Inc. services were engaged to analyze the crime scene and forensic evidence and reconstruct the events that transpired surrounding the death of the victim. Bloodstain pattern analysis and shooting incident reconstruction

Jeffrey Anderson – Manner of Death Investigation – Alabama – June 2020:

Victim died of a gunshot wound. CSI Experts Inc. services were engaged for a reconstruction of events using bloodstain pattern analysis and shooting incident reconstruction.

Florida vs. Justin Drinkard – Murder – February 2020:

Death scene involving blunt force. Bloodstain pattern analysis, wound analysis and crime scene reconstruction.

Massachusetts vs. Tyler Sumner – Murder – April 2020:

Shooting incident reconstruction and analysis of evidence collection, packaging, sampling procedures and chain of custody.

New York vs. Tyler Draves – Felony Assault - July 2019:

Reconstruct events and positions of persons involved in a shooting incident using bloodstain pattern analysis and bullet trajectory analysis.

New York vs. William Cain – CPW – July 2019:

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Documentation of an improvised cutting weapon recovered in a penitentiary. Collection of DNA from weapon and defendant which was sent for DNA analysis.

New York vs. Alex Anselmo – August 2019:

Analysis of evidence collection and chain of custody.

Massachusetts vs. Carey Pilot – Murder – April 2019:

Analysis of a shooting incident utilizing crime scene evidence photos and laboratory reports to determine shooter location and events/statements to reconstruct events.

Massachusetts vs. James Ferguson – Murder – May 2019:

Bloodstain pattern analysis of crime scene to determine possible movements of victim/perpetrator(s) within the scene.

New York vs. Shane Walker – Murder – July 2019:

Crime scene analysis and documentation through photographs using IR and white light photography, measurements, diagrams and search for evidence.

Virginia vs. Timothy Wright – Murder – January 2019:

Analyze shooting incident involving a vehicle where victim was found DOA in driver's seat. Shooting incident reconstruction regarding bullet directionality and discharged cartridge case information. Assignment as Board of Directors for UNCUFF.org

South Carolina vs. Wade Williamson – Murder – July 2018:

Analysis of a shooting incident – impact angles and proximity of decedent to shooter.

New York vs. Joseph Tolentino – Attempted Murder – June 2018:

Analysis of a shooting incident for distance determination and events discernable from crime scene reports and photos.

South Carolina vs. Christopher Fowler – Attempted Murder - May 2018:

Analysis of bloodstain patterns and clothing at a crime scene to determine events and sequence of events that transpired.

New Rochelle, NY – Police Firearms Discharge – May 2018:

Analyzed the scene of a police involved firearms discharge. Analysis of incident location, identification of potential ballistic damage and coordinate search for firearms evidence. Civil matter. Carlos Melendez plaintiff.

Connecticut vs. Tylon Gardner – April 2018 Shots Fired

Hired as shooting incident expert to analyze apparent bullet defect in auto glass to determine directionality of the bullet that created the defect.

New York vs. Robert Jones – April 2018 Attempted Murder

Hired as a bloodstain pattern analyst to analyze bloodstains to ascertain movements and positions of the parties involved.

Jonathan Fleming vs. New York State – Murder - May 2018

Hired by New York State Office of Attorney General as a crime scene analyst to analyze a murder scene from 1989. Analysis included photographs and measurements to determine the perspective of an eye witness.

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Florida vs. Christopher Fries – Murder – October 2017:

Hired as a crime scene analyst to analyze bloodstains and events associated with a shooting incident.

Louisiana vs. Michael Wearry – November 2017 Murder

Hired as a crime scene analyst to examine photos and documents relating to a murder that occurred in 1998. Bloodstain pattern analysis of victim, vehicle and items from inside of vehicle.

New York vs. Jaythan Kendricks – October 2017 Murder – Innocence Project

Hired as a Crime Scene Analyst to analyze a scene and document the scene with photos and measurements.

New York vs. Londell Squire – July 2017 Murder

Hired as a Crime Scene Analyst to reconstruct a shooting incident.

Julie E. Raskin Littenberg vs. Sharon L. Raskin – July 2017 Manner of Death Investigation

Hired as a Crime Scene Analyst to determine the events that transpired leading to the death of an elderly victim who sustained a gunshot wound to the oral cavity. Bloodstain pattern analysis and shooting incident reconstruction.

New York vs. Danielle Allen – August 2017 Manslaughter

Hired as a Bloodstain Pattern Analyst to examine bloodstains throughout the crime scene and on the persons of the victim and suspect to provide an opinion as to the mechanisms responsible for their deposition and likely events that transpired.

New York vs. Madine Price – July 2017 Attempted Murder

Hired as a Bloodstain Pattern Analyst to examine bloodstains throughout the crime scene and on other items and areas that were photographed.

New York vs. Alex Rideout – May 2017 Murder

Hired as a Bloodstain Pattern Analyst to examine bloodstains on clothing and provide an opinion as to the mechanisms responsible for their deposition on the clothing.

South Carolina vs. Shai David – May 2017 Attempted Murder

Hired as a crime scene analyst to reconstruct events that transpired during a shooting incident. Clothing analysis and scene analysis.

New York vs. Matthew Slocum – May 2017 Murder X 3

Hired as a Bloodstain Pattern Analyst to examine bloodstains on clothing and provide an opinion as to the mechanisms responsible for their deposition on the clothing.

Massachusetts vs. Tyler Hagmaier – April 2017 - Murder

Hired as a crime scene analyst to reconstruct the events that transpired for a case that has been closed by the state as the suspect committed suicide. Reconstruction is for a documentary.

Pennsylvania vs. O Brian Lewis – April 2017 – Murder X 2

Hired as a shooting incident reconstruction expert to determine a sequence of events and victims' positions based on firearms evidence, trajectory analysis, wound analysis and ballistic impact markings that resulted from bullets in flight impacting intermediary and terminal targets.

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Tennessee vs. William Hall – April 2017 Murder X 2

Hired as a crime scene analyst for a 1988 double homicide. Areas of expertise include bloodstain pattern analysis, shooting reconstruction and crime scene management.

Oklahoma vs. Daniel Holtzclaw – Numerous Sexual Offenses – January 2017:

Analyze crime scenes and physical evidence for probative value. Post-conviction case. Working to advise counsel and draw attention to wrongful conviction.

New York vs. Scott Doll – June 2016 Murder

Hired as a Bloodstain Pattern Analyst, referred by the Innocence Project. Analysis of crime scene and blunt force injuries to possibly identify probative bloodstains that appear to be foreign to the victim by means of determining mechanism(s) responsible for their deposition.

South Carolina vs. Michael Colucci – June 2016 Murder

Analyze crime scene and reconstruct events from responding to crime scene and also crime scene photos. Analysis of physical characteristics associated with ligature strangulation as they would relate to manners of death including homicide, suicide and accident. Crime scene response and evidence collection.

South Carolina vs. Patterson – June 2016 Sexual Assault.

Examination of alleged incident location and documented with sketch and photographs. Created 3D model of incident location showing 3 story residence with walls removed to demonstrate spatial relationship between areas where alleged incident occurred.

South Carolina vs. James Edward Loftis – April 2016 Murder X 2

Hired as a crime scene analyst to develop latent bloodstains in a crime scene that was cleaned up by the defendant. Also included trajectory analysis and development of latent prints and enhancement of footwear impressions. Crime scene response and evidence collection.

Massachusetts vs. Jabrai Copney – February 2016 Murder

Analysis of shooting incident. Reconstruction of bullet impact angles and comparison to codefendants' statements as to the events that transpired.

South Carolina vs. Dylann Roof – December 2015 Murder X 9

Hired by attorney representing survivors and victims' families to perform bloodstain pattern analysis using IR photography on clothing of a surviving victim. Evidence analysis.

Texas vs. Louis Perez – November 2015 Murder x 3

Hired by the defense to interpret bloodstain patterns at the 1998 crime scene in order to reconstruct the events that transpired. Also asked to analyze and evaluate the physical evidence and recommend further forensic analyses that could be performed.

South Carolina vs. Steven Charron – Attempted Murder August 2014

Hired to reconstruct a shooting incident. Responded to the incident location to analyze different scenarios reported by defendant and victim. Using laser, photography and through review of evidence, provided analysis of the events that transpired. Crime scene response.

South Carolina vs. Glenn Taylor – Murder Case June 2015

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Analysis of shooting scene to reconstruct the events using bloodstain pattern analysis and external/terminal ballistics. Knife held by decedent required bloodstain pattern analysis and photography to ascertain if it was held during the incident. Photographed and analyzed the clothing and physical evidence to determine if defendant's statements are corroborated or impeached. Evidence analysis @ facility.

New York vs. Aaron Smith – Assault Case June 2015

Hired as a bloodstain pattern analyst to view photos of an assault victim ("selfies") to determine if the properties of the blood in the photos are consistent with human blood or if the photos were possibly staged.

South Carolina vs. Michael Slager – Murder Case May 2015

Lead Investigator. Assembled defense's team of experts. Reconstructed a police involved shooting crime scene. Analysis of documents and video. Analyzed the crime scene to ascertain positions of parties involved as per firearms and located ballistic evidence left at the scene. Analyzed officer's clothing and other physical evidence collected at the crime scene and related locations. Crime scene response, discovery of evidence and evidence analysis at state's facility.

Illinois vs. Baily – Bachelor: Innocence Project – Murder Case May 2015

1989 Murder case. Bloodstain pattern analysis. Analyze bloodstains on a towel to determine the sequence of bloodstain pattern deposition on the floor and towel and to identify areas that were touched by the perpetrator for high sensitivity DNA testing on areas where epithelial cells may have been deposited by the perpetrator.

Catapano vs. Weigand Sports – Serious Injury – December 2014

Analysis of bloodstain patterns on an amusement ride to determine the events that transpired inside of the vehicle which was traveling in tracks. Bloodstain patterns on the tracks were analyzed as well.

State of South Carolina vs. Matthew Fischer – Murder Case February 2014

Hired to examine bloodstain patterns and interpret crime scene to determine the movements of the victim and defendant in regards to a homicide case. Photographed clothing to identify evidence of the events that transpired during a physical confrontation. Crime scene response and evidence analysis @ facility.

Texas vs. Dennis Davis – Murder Case November 2014

Bloodstain Pattern Analyst for defense in a 1985 homicide that resulted in an arrest in 2007. My opinions on events that transpired and sequencing of events through analysis of the bloodstain patterns were requested.

Texas vs. Rodney Reed: Innocence Project – Capital Case November, 2014

1995 Murder case. My services were requested to evaluate the probative value of physical evidence where skin cell DNA analysis is being requested for the defense of death row inmate. Testimony.

North Carolina vs. Joan & Elizabeth Shannon – Murder October – 2014

Review documents and analyze crime scene photos. Bloodstain pattern analysis and shooting incident analysis requested to determine viability for reexamination of case.

Charleston, SC – Manner of Death Investigation, Denzell Curnell – August 2014

Hired by law firm representing the estate of decedent to analyze the bloodstain patterns and physical evidence in a case to assist in determining if the evidence suggests that manner of death was consistent with a homicide or a suicide.

State of Texas vs. Roy Lee Boykin – Capital Case – August 2014

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Expert Services
(cont'd)

Murder. Hired by Professional Investigative Services to analyze the bloodstain patterns at a homicide scene. Crime scene, suspects clothing, laboratory analysis reports for DNA and other evidence to be examined and compared to varying accounts of the events that resulted in the victim's death and their sequence when possible.

New York vs. Jonathan Echevarria (Queens County) – July 2014

Murder. Multiple defendant's involved in fight where victim was killed by blunt force trauma. Hired to interpret bloodstain patterns at the crime scene, on codefendants clothing and impact weapon.

New York vs. Joseph Diaz (Bronx County) – June 2014

Murder. Hired by defense for a shooting scene reconstruction. Analysis of .45 caliber vs. 9mm to determine which shooter was responsible for the murder of a bystander. Crime scene response.

Missing Persons Investigation, Monticello, NY – May 2014

Collect and analyze forensic evidence at missing person's residence to reconstruct events that transpired prior to the subject being reported as missing. Crime scene response.

Commonwealth of Kentucky vs. Ronald Evridge – March 2014 – Murder X 2

Double Murder. Hired by defense as Bloodstain Pattern Analyst to reconstruct bloodletting events that transpired through analysis of the bloodstain pattern evidence.

New York vs. Yoselyn Ortega (New York County) – December 2013 – Murder X 2

Double Murder. Hired by defense as expert in Crime Scene protocol, evidence documentation and Bloodstain Pattern Analysis. Crime scene response for exterior photos.

DNA Expert: Identification of Human Remains – Capitan Miranda, PARAGUAY December 2012

Hired by Cozen O'Connor of Atlanta, GA in regards to insurance fraud investigation. Insured, with \$3 million policy allegedly died and was buried in Encarnacion, Paraguay. Traveled to Paraguay, exhumed and documented remains and collected items for DNA analysis and comparison to family members. Local government confiscated DNA evidence, demanding monetary compensation in the form of an unlawful gratuity, which I refused to pay, even though I was threatened with arrest.

Case was successfully completed without DNA evidence (confiscated by corrupt government) by shifting gears to forensic anthropology to prove that the remains could not have been those of the insured based on features of the skull's zygomatic bone and mandible alignment which were used to determine ancestry of deceased (Caucasoid vs. Mongoloid). Exhumation was thoroughly documented with photos and video which was instrumental in solving case even though the biological evidence was confiscated.

South Carolina vs. Armando Chestnut – Murder Case June 2013

Contacted by Strand Investigations Myrtle Beach, SC regarding homicide case where shooting was caught on video. Provided analysis of blood stains and ballistic elements of the incident. Reviewed the forensic evidence collected and identified evidence requiring further analysis.

Documentation of Incident Location – January 26, 2014

Hired by Buckley Peterson Global Investigations to document a location where it was alleged a person may have been hiding. Using still photographs and video, the location was documented with measurements and varying vantage points to show the subject location and potential areas where a person would be able to conceal himself.