

**Marc E. Dupre
Forensic Scientist**

**Forensic Comparative Science Specialists, LLC
P.O. Box 604
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SPECIALTIES

Firearms/ballistics, fingerprints, toolmarks, gunshot residue, shooting scene reconstruction, obliterated serial number restoration, physical match, indented writing restoration, questionable pattern interpretation, drug chemistry and glass examination

PROFESSIONAL EXPERIENCE

July 2007 - present

Co-Owner & Supervising Scientist
Forensic Comparative Science Specialists, LLC
Concord, NH

Duties include: Providing consultation in a number of forensic disciplines for both criminal and civil cases. Conducting administrative and technical reviews of case work. Performing examinations or reexaminations of physical evidence. Assessing transcripts from trials, hearings and depositions. Offering expert testimony for defense and prosecution. Providing instruction in the areas of crime scene processing, forensic photography, and technical aspects of various forensic science disciplines.

May 2008 – December 2019

Criminalist III
NH State Police Forensic Laboratory
Concord, NH

Duties include: Conducting firearm, gunshot residue, toolmark, serial number, physical match and fingerprint examinations/analyses of physical evidence specimens in connection with criminal investigations. Supervisor and Technical Manager of Firearm and Toolmark Unit. Supervisor and Technical Manager of the Identification Unit. Supervisor of the Evidence Control Unit. Coordinating examinations of physical evidence in major cases. Collecting and preserving physical evidence at crime scenes. Operating and maintaining complex analytical instrumentation. Writing and reviewing formal analytical reports. Testifying as an expert witness in criminal trials. Administrator of the Laboratory Information Management System (LIMS).

April 2000 - May 2008

Criminalist II
New Hampshire State Police Forensic Laboratory
Concord, NH

Duties include: Conducting firearm, gunshot residue, toolmark, serial number, physical match, glass and fingerprint examinations/analyses of physical evidence specimens in connection with criminal investigations. Supervising the Identification and Firearm & Toolmark units. Coordinating examinations of physical evidence in major cases. Collecting and

Marc E. Dupre

Forensic Scientist

preserving physical evidence at crime scenes. Operating and maintaining complex analytical instrumentation. Writing and reviewing formal analytical reports. Testifying as an expert witness in criminal trials. Member of the Laboratory Safety Committee and the NH State Police Director's Advisory Committee.

August 1996 - April 2000

Criminalist I
New Hampshire State Police Forensic Laboratory
Concord, NH

Duties included: Conducting fingerprint, firearms, and drug chemistry examinations of physical evidence specimens in connection with criminal investigations. Collecting and preserving physical evidence at crime scenes. Operating complex analytical instrumentation. Writing formal analytical reports. Testifying as an expert witness in criminal trials.

June 1995 - July 1996

Fingerprint Technician
New Hampshire State Police Forensic Laboratory
Concord, NH

Duties included: Processing physical evidence to develop latent impressions. Conducting comparisons of developed impressions with known inked impressions. Collecting and preserving physical evidence at crime scenes. Writing formal analytical reports. Testifying as an expert witness in criminal trials.

January 1995 - June 1995

Quality Control Chemist
Dexter Electronic Materials
Londonderry, NH

Duties included: Chemical analyses of production samples to authenticate composition. Calculating adjustments to bring samples within product specifications. Writing formal analytical reports.

EDUCATION

Bachelor of Arts-September 1994
Saint Anselm College
Goffstown, NH
Major-Chemistry

INTERNSHIP

July 1994-August 1994

New Hampshire State Police Forensic Laboratory, Concord, NH

Marc E. Dupre Forensic Scientist

PROFESSIONAL ORGANIZATIONS

Association of Firearm and Tool Mark Examiners - Member
International Association for Identification – Life Active Member
New England Division of International Association for Identification - Member
Northeastern Association of Forensic Scientists - Member

PROFESSIONAL CERTIFICATION

Certified Latent Print Examiner – International Association for Identification
Certified Firearm Examiner – Association of Firearm and Tool Mark Examiners
Certified Tool Mark Examiner – Association of Firearm and Tool Mark Examiners
Certified Gunshot Residue/Distance Determination Examiner – Association of Firearm and Tool Mark Examiners

ABSTRACTS

Adeyi O., Duval J.V., Dupre M.E., and Andrew T.A., Role of Chemical Tests and Scene Investigation in Determination of Range of Fire, American Journal of Forensic Medicine & Pathology, 2005 June;26(2):166-169.

Ostrowski S.H. and Dupre M.E., Fingerprint Impression Development Using a Vacuum Box, Journal of Forensic Identification, 2006 May/June; 56(3): 356-363.

PRESENTATIONS

Fingerprinting Techniques, 47th NH County Corrections Academy, 1996, NH Police Standards and Training, Concord, NH.

Tri-State AFIS System: A New Investigative Tool, NH Criminal Investigator's Association meeting, 1998, Dept. of Safety, Concord, NH.

Collection and Analysis of Gunshot Primer Residue, NH State Police Major Crime Unit in-service training, 2002, NHSP Troop D Barracks, Concord, NH.

Forensics and Physical Evidence, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th & 136th NH Police Academy, 2002-2005, NH Police Standards and Training, Concord, NH

Forensic Examinations, 25th Annual New England Arson Seminar, 2003, St. Anselm College, Goffstown, NH

Evidence Packaging, Crime Scene Scenarios Workshop, 2004, NH Police Standards and Training, Concord, NH

Discussion of Daubert/Admissibility Issues, 9th Annual New England Area Firearm Examiners Conference, 2005, Meriden, CT

Marc E. Dupre
Forensic Scientist

Forensic Evidence at Shooting Scenes, NH State Police Detective's in-service training, 2007, Dept. of Safety, Concord, NH

Forensic Analysis and the New Hampshire Crime Lab – Fingerprints, 2008, New Hampshire Bar Association Continuing Legal Education (CLE) Program, Concord, NH

A New Defense Weapon: NAS Report, 13th Annual New England Area Firearm Examiners Conference, 2009, Kingston, RI

Forensic Science: Inside the NH State Forensic Laboratory – Fingerprints, 2016, New Hampshire Bar Association Continuing Legal Education (CLE) Program, Concord, NH

CONTINUING EDUCATION

- 1995 Basic Fingerprint Classification, Federal Bureau of Investigation, Concord, NH
Latent Fingerprint Recovery, Federal Bureau of Investigation, Plymouth, MA
Collection and Preservation of Physical Evidence, Federal Bureau of Investigation, Plymouth, MA
- 1996 Latent Fingerprint Photography, FBI Academy, Quantico, VA
Detection of Blood at the Crime Scene, NH Police Standards & Training, Concord, NH
- 1997 Advanced Latent Fingerprint, Federal Bureau of Investigation, Concord, NH
Glass Fragment Examination, Danvers, MA
Testimony and Court Demeanor for the Forensic Witness, Danvers, MA
Lanthanide-Based Strategies for Latent Fingerprint Detection, Danvers, MA
- 1998 Drug Enforcement Agency Forensic Chemist Seminar, DEA, Fairfax, VA
- 1999 Administrative Advanced Latent Fingerprint, FBI Academy, Quantico, VA
Firearms Examiner training, NHSP Forensic Lab, Concord, NH
NIBIN/DrugFire User's Workshop, Nichols Research Corp., Rosslyn, VA
Sturm, Ruger & Co. Armorer Course (pistol, revolver and rifle), Newport, NH
Sturm, Ruger & Co. factory tour, Newport, NH
Police Photography, NH Police Standards & Training, Concord, NH
- 2000 Firearms Examiner training (cont.), NHSP Forensic Lab, Concord, NH
JSM-5600LV SEM Operations Training Course, JEOL Institute, Peabody, MA
PGT X-Ray Microanalysis System Training Course, Princeton Gamma-Tech, Princeton, NJ
ATF Serial Number Restoration Seminar, Center for Forensic Science, Syracuse, NY
- 2001 Firearms Examiner training (cont.), NHSP Forensic Lab, Concord, NH
Shooting Incident Reconstruction Training Course, Center for Forensic Science, Syracuse, NY
- 2002 Techniques in Firearms Identification, FBI Academy, Quantico, VA
Toolmark Examination workshop, Federal Bureau of Investigation, Boston, MA
Beretta Armorer Course (pistol and shotgun), Stafford Springs, CT
Carroll Bullets and Ammunition factory tour, Stafford Springs, CT
Earprint Identification, Las Vegas, NV

Marc E. Dupre

Forensic Scientist

- Casting Techniques Using Mikrosil, Las Vegas, NV
- Scientific Latent Print Examiner Testimony, Las Vegas, NV
- Effect of Un-du on Latent Print Development, Las Vegas, NV
- The Bayes Rule and a Causality Model for Evidence Interpretation, Las Vegas, NV
- Advanced Charting Techniques, Las Vegas, NV
- Fast Fourier Transforms to Resolve Overlapping Fingerprints, Las Vegas, NV
- Compression and Image for 1000 ppi Fingerprint Images, Las Vegas, NV
- Demystifying Palm Prints, Las Vegas, NV
- Smith & Wesson factory tour, Springfield, MA
- United States Firearms Manufacturing factory tour, Hartford, CT
- Colt Firearms factory tour, Hartford, CT
- Mayhew Tools factory tour, Shelburne Falls, MA
- U.S. Repeating Arms factory tour, New Haven, CT
- Wilson Arms factory tour, Branford, CT
- Charter Arms 2000 factory tour, Shelton, CT
- Electro-Tech factory tour, Cheshire, CT
- O.F. Mossberg & Sons factory tour, North Haven, CT
- Marlin Firearms factory tour, North Haven, CT

- 2003 Integrated Ballistics Identification System Training Course, Largo, FL
- Glock Armorer Course, Saugus, MA
- Fracture Match, Manchester, NH

- 2004 SIG Sauer Armorer Course, Epping, NH
- Recovery of Fingerprint Evidence from Human Skin, St. Louis, MO
- Digital Image Enhancement, St. Louis, MO
- A Psychological Model of the Fingerprint Comparison Process, St. Louis, MO
- Developing Latent Prints on Parafilm, St. Louis, MO
- Advanced Digital Imaging Techniques, St. Louis, MO
- Anatomy of Error, St. Louis, MO
- Effects of JPEG Compression on Digital Image Detail, St. Louis, MO
- Physical Fracture Match Workshop

- 2005 Fundamentals of Supervision Program, Concord, NH

- 2006 Daubert Seminar (Firearms & Toolmarks), Hamilton, NJ

- 2007 Introduction to Saw and Toolmarks in Bone: A Class Characteristics Approach
- Ethics in Forensic Science: Value Based Decision Making

- 2008 Fundamentals of Crime Scene Investigation and Evidence Collection, Concord, NH
- Advanced Shooting Incident Reconstruction, Concord, NH
- ASCLD/LAB-International Preparation Course, Manchester, NH

- 2009 Gunpowder and Gunshot Residue School, Springfield, MA

- 2010 Comparison Microscopy, Leica Microsystems, Meriden, CT

- 2012 Measurement Confidence for the Forensic Laboratory, ASCLD/LAB

- 2014 Advanced Topics for Firearm and Toolmark Examiners, Meriden, CT
- Sturm, Ruger & Co. Armorer Course (LCP pistol), Newport, NH

Marc E. Dupre
Forensic Scientist

- Suppressor Design and Examination, Seattle, WA
Demystifying Error Rates, Seattle, WA
Doublecasting, Seattle, WA
Managing in the Executive Branch, Concord, NH
Impression, Pattern & Trace Evidence Symposium, Webinar
- 2016 Forensic Management Academy (WVU), Pittsburgh, PA
- 2017 Minimizing Bias in Forensic Decision Making, Webinar
Foundations of State Supervision, Concord, NH
- 2018 Leadership Series, Forensic Technology Center of Excellence, Webinar
Machining for the Firearm & Toolmark Examiner, Charleston, WV
Subclass Characteristics, Charleston, WV
Class Characteristics of Toolmarks in Bone and Cartilage, Charleston, WV
- 2019 How Jurors Evaluate Fingerprint Evidence, CSAFE, Webinar
- 2020 Computer-Aided Firearms Examinations and Statistics, NIST, Webinar
Virtual Comparison Microscopy Workshop, Webinar
Expert Witness Testimony: Advanced Skills for Forensic Science Professionals, Webinar
- 2021 Exploration of Breech Face Subclass Characteristics, Forensic Technology Center of Excellence, Webinar
Glock Pistol Toolmarks: A literature Review and Intro of Undocumented Toolmarks, Forensic Technology Center of Excellence, Webinar
Two-Pronged Study of Bullets Fired by Consecutively Rifled Barrels, Forensic Technology Center of Excellence, Webinar
- 2022 The Effect of Time on Rusted Firearm Identification, Forensic Technology Center of Excellence, Webinar

MEETINGS ATTENDED

- 1997 82nd Annual International Association for Identification Educational Conference
- 1999 3rd Annual New England Area Firearms Examiners Conference
- 2000 4th Annual New England Area Firearms Examiners Conference
- 2001 5th Annual New England Area Firearms Examiners Conference
- 2002 87th Annual International Association for Identification Educational Conference
6th Annual New England Area Firearms Examiners Conference
- 2003 25th Annual National Shooting Sports Foundation SHOT Show
13th Annual New England Division IAI Educational Conference
Northeast Latent Print Forum
7th Annual New England Area Firearms Examiners Conference

Marc E. Dupre
Forensic Scientist

- 2004 89th Annual International Association for Identification Educational Conference
8th Annual New England Area Firearms Examiners Conference
- 2005 9th Annual New England Area Firearms Examiners Conference
14th Annual New England Division IAI Educational Conference
- 2006 37th Annual Association of Firearm and Tool Mark Examiners Training Seminar
91st Annual International Association for Identification Educational Conference
10th Annual New England Area Firearms Examiners Conference
- 2007 38th Annual Association of Firearm and Tool Mark Examiners Training Seminar
11th Annual New England Area Firearms Examiners Conference
- 2008 93rd Annual International Association for Identification Educational Conference
12th Annual New England Area Firearms Examiners Conference
- 2009 13th Annual New England Area Firearms Examiners Conference
17th Annual New England Division IAI Educational Conference
- 2010 41st Annual Association of Firearm and Tool Mark Examiners Training Seminar
14th Annual New England Area Firearms Examiners Conference
38th Annual Crime Laboratory Development Symposium
18th Annual New England Division IAI Educational Conference
- 2011 42nd Annual Association of Firearm and Tool Mark Examiners Training Seminar
15th Annual New England Area Firearms Examiners Conference
- 2012 16th Annual New England Area Firearms Examiners Conference
- 2013 17th Annual New England Area Firearms Examiners Conference
- 2014 45th Annual Association of Firearm and Tool Mark Examiners Training Seminar
18th Annual New England Area Firearms Examiners Conference
- 2015 18th Annual New England Area Firearms Examiners Conference
- 2016 20th Annual New England Area Firearms Examiners Conference
- 2017 21st Annual New England Area Firearms Examiners Conference
- 2018 Impression, Pattern & Trace Evidence Symposium, Webinar
49th Annual Association of Firearm and Tool Mark Examiners Training Seminar
- 2019 23rd Annual Northeast Area Firearms Examiners Conference
- 2020 National Institute of Standards and Technology – Forensics@NIST 2020 Conference
Midwest Firearm Training Seminar
- 2021 Midwest Firearm Training Seminar