

**Marc E. Dupre  
Forensic Scientist**

**Forensic Comparative Science Specialists, LLC**  
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**SPECIALTIES**

Firearms, toolmarks, fingerprints, obliterated serial number restoration, physical fracture match, and gunshot residue/shooting distance determination.

**CURRENT EMPLOYMENT**

July 2007 - Present      Co-Owner & Supervising Scientist  
Forensic Comparative Science Specialists, LLC  
Concord, New Hampshire

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. Development of protocols, procedures, and training programs. Providing technical training in the areas of crime scene processing, forensic photography, and technical aspects of various forensic science disciplines including: fingerprints, firearms, toolmarks, physical match, obliterated serial number restoration, and gunshot residue pattern /muzzle-to-target shooting distance determination.

May 2008 - Present      Criminalist III  
New Hampshire State Police Forensic Laboratory  
Concord, New Hampshire

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

**EDUCATION**

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

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### PROFESSIONAL EXPERIENCE

April 2000 - Criminalist II  
May 2008 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/analyses 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. Member of the Laboratory Safety Committee and the NH State Police Director's Advisory Committee.

August 1996 - Criminalist I  
April 2000 New Hampshire State Police Forensic Laboratory  
Concord, NH

Duties included: Conducting fingerprint, firearms, and drug chemistry examinations/analyses 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- Fingerprint Technician  
July 1996 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- Quality Control Chemist  
June 1995 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.

### INTERNSHIP

July 1994- New Hampshire State Police Forensic Laboratory  
August 1994 Concord, NH

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## **PROFESSIONAL ORGANIZATIONS**

Association of Firearm and Tool Mark Examiners-Member  
International Association for Identification-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**

Dupre, M. E., Fingerprinting Techniques, 47<sup>th</sup> NH County Corrections Academy, 1996, NH Police Standards and Training, Concord, NH.

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

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

Dupre, M. E., Forensics and Physical Evidence, 129<sup>th</sup>, 130<sup>th</sup>, 131<sup>st</sup>, 132<sup>nd</sup>, 133<sup>rd</sup>, 134<sup>th</sup>, 135<sup>th</sup> & 136<sup>th</sup> NH Police Academy, 2002-2005, NH Police Standards and Training, Concord, NH

Dupre, M. E., Forensic Examinations, 25<sup>th</sup> Annual New England Arson Seminar, 2003, St. Anselm College, Goffstown, NH

Dupre, M. E., Evidence Packaging, Crime Scene Scenarios Workshop, 2004, NH Police Standards and Training, Concord, NH

Dupre, M. E., Discussion of Daubert/Admissibility Issues, 9<sup>th</sup> Annual New England Area Firearm Examiners Conference, 2005, Meriden, CT

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Dupre, M. E. and Ostrowski, S. H., Forensic Evidence at Shooting Scenes, NH State Police Detective's in-service training, 2007, Dept. of Safety, Concord, NH

Dupre, M. E., A New Defense Weapon: NAS Report, 13<sup>th</sup> Annual New England Area Firearm Examiners Conference, 2009, Kingston, RI

### 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  
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

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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, Concord, NH
- 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, San Francisco, CA  
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  
Suppressor Design and Examination, Seattle, WA  
Demystifying Error Rates, Seattle, WA

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Doublecasting, Seattle, WA  
Managing in the Executive Branch, Concord, NH

**MEETINGS ATTENDED**

- 1997      82<sup>nd</sup> Annual International Association for Identification Educational Conference
- 1999      3<sup>rd</sup> Annual New England Area Firearms Examiners Conference
- 2000      4<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2001      5<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2002      87<sup>th</sup> Annual International Association for Identification Educational Conference  
6<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2003      25<sup>th</sup> Annual National Shooting Sports Foundation SHOT Show  
13<sup>th</sup> Annual New England Division IAI Educational Conference  
Northeast Latent Print Forum  
7<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2004      89<sup>th</sup> Annual International Association for Identification Educational Conference  
8<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2005      9<sup>th</sup> Annual New England Area Firearms Examiners Conference  
14<sup>th</sup> Annual New England Division IAI Educational Conference
- 2006      37<sup>th</sup> Annual Association of Firearm and Tool Mark Examiners Training Seminar  
91<sup>st</sup> Annual International Association for Identification Educational Conference  
10<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2007      38<sup>th</sup> Annual Association of Firearm and Tool Mark Examiners Training Seminar  
11<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2008      93<sup>rd</sup> Annual International Association for Identification Educational Conference  
12<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2009      13<sup>th</sup> Annual New England Area Firearms Examiners Conference  
17<sup>th</sup> Annual New England Division IAI Educational Conference
- 2010      41<sup>st</sup> Annual Association of Firearm and Tool Mark Examiners Training Seminar  
14<sup>th</sup> Annual New England Area Firearms Examiners Conference  
38<sup>th</sup> Annual Crime Laboratory Development Symposium  
18<sup>th</sup> Annual New England Division IAI Educational Conference
- 2011      42<sup>nd</sup> Annual Association of Firearm and Tool Mark Examiners Training Seminar  
15<sup>th</sup> Annual New England Area Firearms Examiners Conference

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- 2012      16<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2013      39<sup>th</sup> NEAFS Annual Meeting, Cromwell, CT  
            17<sup>th</sup> Annual New England Area Firearms Examiners Meeting, East Hartford, CT
- 2014      45<sup>th</sup> Annual Association of Firearm and Tool Mark Examiners Training Seminar  
            18<sup>th</sup> Annual New England Area Firearms Examiners Conference
- 2015      19<sup>th</sup> Annual New England Area Firearms Examiners Conference