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**Timothy Bombard** | Sr. Fire Investigator, MSCJ, IAAI – CFI, MIFireE

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### Professional Summary:

Mr. Bombard is a Senior Fire Investigator, having retired from the Massachusetts State Police as a Detective Lieutenant. Mr. Bombard has over 28 years of combined law enforcement experience with the State Police and Worcester Police Department. He served for 16 years as a Fire Investigator and Supervisor assigned to the Massachusetts State Fire Marshal's Office. He handled two Accelerant Detective Canines over the course of 12 years, supervised the canine program and teams of investigators. Mr. Bombard has investigated over 1000 fires, including over 50 fatal fire scenes and numerous large losses. He is a Certified Fire Investigator through the IAAI since 2003.

### Licenses and Certifications:

Certified Fire Investigator (CFI), IAAI #12-008  
Private Investigator, Massachusetts, License # LP0018B  
Private Investigator, Connecticut, License # FA-1075  
Private Detective, New York, License # 11000144160

### Project Experience:

#### **2017-2018**

Lead investigator on over 150 fires / explosions totaling in excess of \$40 million in insurance claims.

#### **2007 Bernat Mill Fire, Uxbridge, MA Fire Investigation**

Lead investigator of mill fire which housed over 50 businesses and a loss totaling over \$50 million. Supervised teams of investigators.

#### **2001 Fast Lane Service Center, Auburn, MA Fire Investigation**

Lead investigator of multi-million dollar loss on Midstate Drive in Auburn which led to the successful prosecution of a disgruntled employee.

#### **1999 Worcester Cold Storage Fire Fatal Fire investigation**

Assisted with the investigation of the origin and cause of fire which resulted in the deaths of 6 Worcester firefighters.

#### **1999 Jahn Foundry Dust Explosion, Springfield MA Multi-fatality, multi-million dollar explosion loss**

Assisted with the interviews and documentation of the dust explosion that cost 3 lives, critically injured numerous workers and led to over \$35 million in civil litigation payments.

**Tucker Plastics Factory Fire, Leominster, MA  
Fire Investigation**

Lead investigator of multi-million dollar fire at a plastics manufacturing facility which led to the successful prosecution of an unhappy worker.

**Professional Experience:**

EFI Global, Fall River, MA, Senior Fire Investigator, 2016 – present  
Massachusetts State Police, 1992-2016  
Detective Lieutenant, Internal Affairs Investigator, 2014-2016  
Lieutenant, Troop C Duty Officer, 2012-2014  
Sergeant, Fire Marshal's Office, 2007-2012  
Investigator, Fire Marshal's Office, 1996-2007  
Trooper, Troop B, then Special Services Gang Unit 1992-1996  
Worcester Police Department, Police Officer, 1987-1992

**Specialized Education:**

Lithium Battery failures, 1 hr tested, EFI Global, 6/21/2023  
Fire effects, Part 1, 3 hour tested, CFI Trainer, 6/1/2023  
MV Fire investigation, 24 hour, NJ-IAAI, 2/22-23/2023  
Fire scene safety training, 5 hours, EFI Global, 2/20/2024  
Report Writing, DCARI, 2/2/2023  
Wildland Fire Investigation, DCARI, 1/31/2023  
Photovoltaic Cells and systems, CFI Trainer, 1/26/2023  
Electric and Hybrid Vehicle fires, CFI Trainer, 1/13/2023  
Fire alarm control panels, DCARI, 2023  
NFPA 1033 and 921 updates, CFI Trainer, 1/12/2023  
Site Safety and Assessment, CFI Trainer, 1/12/2023  
Alt fuel Vehicle, CFI Trainer, 1/11/2023  
Electric and Hybrid Vehicle fires, CFI Trainer, 1/11/2023  
NFPA 1033 update, EFI Global, 2/26/2022  
Emerging tech in fire investigations, CFI Trainer, 11/11/2021  
Deposition training, EFI Global, general counsel, 11/15/2021  
Receptacle fires, DCARI, 10/25/2021  
Lithium battery fires, CFI Trainer, 9/28/2021  
Electrical conductor damage, DCARI, 9/17/2021  
2021 NFPA 921, Chapters 4/5 Basic method and fire science changes, tested, 1-11-21  
2021 NFPA 921, Fire Cause Determination / Classification, IAAI virtual training tested, 11-9-20  
Preventing Occupational exposures to carcinogens, CFI Trainer, 10-12-20  
Respiratory protection webinar, EFI Global, 1 hour tested, 8-26-20  
Fire Inv Health and Safety / Post fire, Vale Training, 6-17-20  
Electrical equipment and building systems, 1 hour, EFI webinar, 5-5-20  
Commercial kitchen fires, EFI webinar, 1.5 hours, 4-24-20

ACM awareness, EFI webinar, 2-14-20, 1.5 hours  
Introduction to Appliances, CFI Trainer, 3 hr tested, 1-20-20  
Completion of 41-hour CFI Trainer, Fire Investigation for Fire Officers Multi program (8 classes)  
Fire investigation for Fire Officers, CFI Trainer, 3 hr tested, 11-19-19  
Completion of 67-hour CFI Trainer, Principles of Fire Investigation Multi-Program (20 classes)  
Evaluation and testing of Accidental causes, CFI Trainer, 3 hr tested, 11-19-19  
Charting your career path in fire investigation, CFI Trainer, 3 hr tested, 11-18-19  
Fire Flow Analysis, CFI Trainer, 5-10-19, 3 hr tested  
Understanding Undetermined, CFI Trainer, 12-4-18, 3 hr tested  
Evidence collection and natural gas systems, MA IAAI, Chicopee Elks, 3-15-18, 6 hr tested  
Fire Dynamics and Calculations, CFI Trainer, 1-10-18, 4 hr tested  
Thermometry, Heat and Heat Transfer, CFI Trainer, 1-9-18, 3 hr tested  
Potential Value of Electronic Evidence, CFI Trainer, 1-8-18, 4 hr tested  
What the insurance professional needs to know about fire investigation, CFI Trn, 1-8-18, 3hr  
Evidence collection and natural gas systems, MA IAAI, Chicopee Elks, March 2018  
Fire Dynamics and Calculations, CFI Trainer, January 2018  
Thermometry, Heat and Heat Transfer, CFI Trainer, January 2018  
Potential Value of Electronic Evidence, CFI Trainer, January 2018  
What the insurance professional needs to know about fire invest, CFI Trainer, January 2018  
Motor vehicles, Transmission, Exhaust, Brake and Access systems, CFI Trainer, December 2017  
Motor vehicles, engine, ignition, electrical and fuel systems, CFI Trainer, December 2017  
Residential Natural Gas systems, CFI trainer, December 2017  
Process of Elimination, CFI trainer, December 2017  
Depositions: Part 1, CFI Trainer, December 2017  
Deposition: Part 2, CFI Trainer, December 2017  
Residential electrical systems, CFI Trainer, November 2017  
Fire Chemistry, CFI Trainer, November 2017  
MA-IAAI, Post Flashover compartment fires, Auburn, MA, November 2017  
Lectured cause/origin training for adjuster, HAI Group, Cheshire, CT, November 2017  
NFPA 921 and 1033, Important Revisions, CFI Trainer, November 2017  
Understanding the fire investigator's Job, CFI Trainer, October 2017  
Motive, means, opportunity in arson case, CFI Trainer, October 2017  
Discovery in Civil cases, CFI Trainer, September 2017  
Legal aspects of investigating youth set fires, CFI Trainer, August 2017  
Investigating F&E incidents with LODD, CFI Trainer, August 2017  
Investigating natural gas systems, CFI Trainer, August 2017  
Ethics and Social Media, CFI Trainer, August 2017  
Discovery in Criminal Cases, CFI Trainer, August 2017  
Introduction to YSF, CFI Trainer, July 2017  
Duties beyond the Fire Scene, CFI Trainer, July 2017  
ACM awareness, EFI webinar, February 2017  
Sprinkler Plan Review, NFPA, February 2017  
Accreditation, Certification and certificates, CFI Trainer, September 2016  
Basic Electricity, CFI Trainer, September 2016  
Risk Management training, Graham Research Consultants, Babson Univ. January 2016  
Three day Internal Affairs investigations seminar, Roger Williams College, March 2014  
Explosion Dynamics, CFI trainer.net, 2013  
HAZWOPER Standard, CFI trainer.net, 2013  
Postflashover Fires, CFI trainer.net, 2013  
Preparation for the Marine Fire Scene, CFI trainer.net, 2013  
Vacant and Abandoned Buildings: Hazards and Solutions, CFI trainer.net, 2013



Fire Investigator and the 2011 NFPA 921 Changes, CFI trainer.net, 2013  
Wildland Fires Investigation, CFI trainer.net, 2013  
DNA, CFI trainer.net, 2013  
Effective Investigation and Testimony, CFI trainer.net, 2013  
Fire Protection Systems, CFI trainer.net, 2013  
How First Responders Impact the Fire Investigation, CFI trainer.net, 2013  
Investigating Fatal Fires, CFI trainer.net, 2013  
Managing Complex Fire Scene Investigations, CFI trainer.net, 2013  
NFPA 1033 and your career, CFI trainer.net, 2013  
Relationship between NFPA 1033 and NFPA 921, CFI trainer.net, 2013  
Understanding fire through candle experiments, CFI trainer.net, 2013  
Using resources to Validate your Hypothesis, CFI trainer.net, 2013  
Ventilation approach to impact of structures and systems on fire development, CFI trainer.net, 2012  
Arc Mapping Basics, CFI trainer.net, 2012  
Charleston Sofa Super Store Fire case, CFI trainer.net, 2012  
Electrical Safety, CFI trainer.net, 2012  
Evidence Examination: What happens at the Lab?, CFI trainer.net, 2012  
Fundamentals of Interviewing, CFI trainer.net, 2012  
Fundamentals of residential building construction, CFI trainer.net, 2012  
Search and Seizure, CFI trainer.net, 2012  
Writing the initial origin and cause report, CFI trainer.net, 2012  
Canine Utilization and computer modeling, CTSP, 4.0, April 2009  
Analysis of Station Nightclub fire, CFI trainer.net, 2008  
Critical Thinking solves cases, CFI trainer.net, 2008  
Digital Photography and the fire investigator, CFI trainer.net, 2008  
Documenting the event, CFI trainer.net, 2008  
Ethics and the investigator, CFI trainer.net, 2008  
Fire investigator scene safety, CFI trainer.net, 2008  
Insurance and the Fire Investigation, CFI trainer.net, 2008  
Introduction to evidence, CFI trainer.net, 2008  
Introduction to Fire Dynamics and Modeling, CFI trainer.net, 2008  
Investigating Motor Vehicle fires, CFI trainer.net, 2008  
MagnaTek: A case study in the Daubert Challenge, CFI trainer.net, 2008  
Physical Evidence at the Fire Scene, CFI trainer.net, 2008  
The Scientific Method for Fire and Explosion Investigation, CFI trainer.net, 2008  
Motor Vehicle fires tested 15 hours IAAI, Barnstable, MA, June 2002  
IAAI seminar on Fire scene reconstruction / documentation, Andover, MA, March 2002  
Electrical Investigation, IAAI, Florian Hall, January 2002  
OSHA required Hazmat training 32 hours, SPA, October 1999  
Financial Investigation seminar, IRS, 32 hours, Norwood, 1999  
Search Warrant training, MFA, February 1999  
Interview & Interrogation, MFA, 8 hrs, 1998  
NFPA 921 training, MFA, 1998  
Arson for Profit School, 80 hrs. tested, ATF, Glynco, GA, November 1998  
Juvenile Firesetter Conference, Concord NH Fire Academy, 16 hours, October 1998  
ATF, MSP Post Blast Investigation, Franklin --16 hrs. tested, October 1998  
Sprinkler training, 6.0 hrs. June 1998  
Hazardous materials training, 6.0 hrs, June 1998  
Advanced Analytical Interview School, ATF – MSP academy, 80 hrs, June 1998  
St. Anselm College Arson Seminar, various topics, 40 hrs. tested, May 1998

NAFI Origin/Cause training, Bristol, RI, 16 hours – tested, March 1998  
ATF Advanced Arson, ATF, SPA, tested, 56 hours, December 1997, January 1998  
IAAI Propane fires and explosions & NFPA 921, tested, November 1997  
Advanced Arson, SPA, tested, 40 hours, November 1997  
Basic Fire/Arson Investigation, NFA, 80 hrs. tested, Emmitsburg, MD, October 1997  
Explosives Training, 16 hr. MFA (Sgt. Thompson, Tpr Murray), June 1997  
Understanding Electrical Fires by Charles Small, MFA, 8 hr, May 1997  
7 Test Burn Fire Scenes, 8 hr. Metro Fire Investigators Meeting, May 1997  
Mock trial / trial preparation Criminal & Civil, IAAI Hyannis, 16 hr., May 1997  
Evidence Collection, Financial Investigations, 7 hr. ATF & Boston FD, March 1997  
Investigation of Fatal Fires, 6 hr. IAAI, Dorchester, March 1997  
Photography School, MFA, use of 35 MM Camera, January 1997  
Computer Modeling of fires, IAAI 5.5 hours, Auburn Elks, January 1997  
Determining Origin / Cause, 32 hr. MFA, November/December 1996  
Electrical Fire Investigations, IAAI 6 hrs. tested, November 1996  
Juvenile Fire setter conference, 2 day, Milford, MA, November 1996  
Test Explosions, ATF training, Otis Air Force Base, November 1996  
Reid Technique of Interviewing and Interrogation, 32 hours, September 1996

#### Education:

Master of Arts, Criminal Justice, Anna Maria College, Paxton, MA 1991

Bachelor of Arts, Business Management, Assumption College, Worcester, MA 1989

#### Affiliations:

International Association of Arson Investigators

#### Courses Instructed/ Guest Lecturer:

Instructed numerous courses regarding: origin / cause investigation, evidence collection, use of canines, major scene investigation, origin / cause investigation for the insurance industry, etc.

\*\* Litigation CV available on request.