

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:

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.