

Michael W. Riley
Fire & Explosion Investigations
(207) 931-8967

EDUCATION

7/01-8/03 **Western New England College-** Springfield, MA
Master of Arts- Criminal Justice Administration

1/93-5/95 **University of Massachusetts-** Dartmouth, MA
Bachelor of Arts: Sociology

9/91-12/92 **Western Connecticut State University-** Danbury, CT

PROFESSIONAL EXPERIENCE

Fire & Explosion Investigations March 2025-Present

Massachusetts State Police-June 2000-February 2025

- Promoted to Captain February 2024
- Promoted to Detective Lieutenant April 2020
- Promoted to Lieutenant July 2019
- Promoted to Sergeant January 2018

Division of Investigation Services- Office of the State Fire Marshal,
Fire and Explosion Investigation Section, Unit Commander- 2/21-2/25

Division of Investigation Services- Office of the State Fire Marshal,
Fire and Explosion Investigation Section, Clandestine Lab Enforcement Team Commander- 2/21-2/25

Massachusetts State Police COVID-19 Intake Coordinator- 3/20-7/21

Office of Professional Integrity and Accountability- 4/20-2/21

Staff Inspections- 11/19-4/20

D Troop Duty Office 7/19-11/19

Division of Investigation Services- Office of the State Fire Marshal,
Fire and Explosion Investigation Section- 8/14-7/19

C Troop Community Action Team (CAT)- 11/02-8/14

Brookfield State Police Barracks- 11/01-11/02

Holden State Police Barracks-12/00-11/01

Mass State Police Drill & Ceremony Unit- 8/01-8/13

Field Training Officer- 76th RTT, 77th RTT, 78th and 80th RTT

Special Emergency Response Team (SERT) 11/01-2/05

Dover Police Department- Patrolman 4/98-6/00

Norfolk County Sheriff's Office- Correctional Officer 3/96-12/99

CERTIFICATIONS

IAAI National Certified Fire Investigator June 2020
Massachusetts IAAI Certified Fire Investigator May 2017
National Fire Academy, NFA Essentials in Fire Investigation; Emmitsburg MA, April 2016
Certified Fire and Explosion Investigator NAFI May 2015
Juvenile Fire setter Intervention Specialist 1 and 2; Stow, MA January 2012
New Mexico Tech- Incident Response to Terrorist Bombings- 32 hours, March 2012

PROFESSIONAL AFFILIATIONS

Member, International Association of Arson Investigators (IAAI)-MA Chapter, April 2011-Present
Member, National Association of Fire Investigators (NAFI))- August 2014-Present
Member, International Association of Arson Investigators (IAAI)-International Chapter, August 2014-Present
Member, State Police Association of Massachusetts, SPAM- June 2000-April 2018
Member, State Police Commissioned Officers Association, COA- April 2018-February 2025

COURT QUALIFICATIONS

Testify in various district courts; charges range from motor vehicle law, narcotics violations and arson charges
Fire Investigation Expert Witness 7/29/21 Worcester Superior Court

COMMENDATIONS:

Division Commanders Commendation Award 2006
Bulldog of the Month April 2007
Division Commanders Commendation Award 2008
Unit Commanders Award- September 2011

PROFESSIONAL DEVELOPMENT

- South Shore Serial Arsonist, IAAI, Dorchester, MA 6 hours tested 1/16/25
- Fire Origin Patterns and Electrical Aspects of Fire Investigation, IAAI, Yarmouth, MA 20 hours tested 9/18/24-9/20/24
- Explosive Recognition and Post Blast Scene, IAAI, Yarmouth, MA 20 hours tested 9/21/23-9/23/23
- Station Night Club Fire, IAAI, Dorchester, MA 6 hours tested 1/19/23
- Heating Systems, IAAI, Yarmouth, MA 20 hours tested 10/12/22-10/14/22
- Cheshire Arson Homicide/Post Trauma Fire Related Events, IAAI, Auburn, MA 6 hours tested 6/16/22
- Hoarding Situations and Natural Gas Incidents, IAAI Chicopee, MA 6 hours tested 3/31/22
- Death Investigations, IAAI Boston, MA 6 hours tested 1/20/22
- NES Clan Lab Site Safety Officer, Stow, MA 16 hours tested 12/13/21-12/14/21
- Basic Clandestine Laboratory Safety, NES Stow, MA 40 hours tested 12/6/21-12/10/21
- Comprehensive Perspective for New Seasoned Fire Investigators, IAAI Yarmouth, MA 20 hours tested 10/13/21-10/16/21
- Motor Vehicle Fire Investigations, IAAI Yarmouth, MA 20 hours tested 6/7/18-6/10/18
- Using NFPA 921 to Meet Professional Qualifications for Fire Investigators In NFPA 1033, IAAI Dorchester 4 hours tested 1/18/18
- Clandestine Lab Awareness, IAAI Yarmouth, MA 20 hours tested 6/8/17-6/10/17
- Grand Jury Testimony 03/15/17 Incendiary/Homicide Invest, Fitchburg
- Technical Requirements for an Expert Report, IAAI Dorchester, MA 6 hours tested 01/19/17
- Lithium-Ion Battery Dangers, IAAI Auburn, MA 6 hours tested 11/17/16
- Grand Jury Testimony 11/03/16 Incendiary Case, Dumpster Fires, Webster
- Domestic and International Terrorism, IAAI Yarmouth, MA 20 hours tested 6/8/16-6/20/16
- Fire Science for the Fire Investigator/1033, IAAI, Auburn, MA 6 hours tested 11/19/15
- Haz-Mat Safety for the Fire Scene and Fire Investigator, IAAI, Maynard, MA 6 hours tested 9/17/15
- Fire Investigation Technician (F.I.T.) IAAI tested 8/13/15
- Marine Fire Investigation, IAAI, Yarmouth, Ma 20 hours tested 6/3/15-6/5/15
- FBI Indoor Post Blast School Uncasville, CT 40 hours tested 5/18/15-5/22/15
- Behavioral Observation and Suspicious Activity Recognition Course, Natick, MA 16 hours 4/7/15-4/8/15

- Psychological Effects of Working a Fatal Fire Scene, Massachusetts Fire Academy, Stow, MA 8 hours 3/31/15
- The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net
- 2 hours tested 3/30/15
- NFPA 1033 and Your Career, CFITrainer.net 2 hours tested 3/30/15
- Fire Investigation in the Digital Age, IAAI Chicopee, MA 6 hours tested 3/19/15
- Introduction to Search Warrants, Massachusetts State Police Academy New Braintree, MA 8 hours 3/10/15
- Identify, Collect and Processing Evidence, IAAI, Dorchester, MA 6 hours tested 1/16/14
- 21st Century Construction and the Fire Investigator, IAAI, Falmouth, MA 20 hours tested 6/12/13-6/14/13
- Understanding and Planning for School Bomb Incidents, New Mexico Tech, 4 hours tested 1/3/13
- Juvenile Fire Setting Pathways: Investigation to Intervention, IAAI, Falmouth, MA 20 hours tested 5/30/12-6/1/12
- Advanced Fire Investigation, Massachusetts Department of Fire Services, Stow, MA 48 hours tested 6/28/12
- Communication the Value of Membership in the IAAI, CFITrainer.net tested 4/9/12
- Interview and Interrogation, IAAI, Chicopee, MA 6 hours tested 3/15/12
- Vacant and Abandoned Buildings, CFITrainer.net 4 hours tested 4/9/12
- Incident Response to Terrorist Bombings, New Mexico Tech, Socorro, New Mexico
32 hours tested 3/26/12-3/29/12
- Fundamentals of Interviewing, CFITrainer.net 4 hours tested 03/07/12
- Managing Complex Fire Scene Investigations, CFITrainer.net 4 hours tested 3/7/12
- Post flashover Fires, CFITrainer.net 4 hours tested 3/7/12
- Motive, Means and Opportunity: Determining Responsibility in an Arson Case, CFITrainer.net
4 hours tested 3/7/12
- Magne Tek: A Case Study in the Daubert Challenge, CFITrainer.net 2 hours tested 3/1/12
- Understanding Fire Through the Candle Experiment, CFITrainer.net 4 hours tested 3/1/12
- The HAZWOPER Standard, CFITrainer.net 4 hours tested 3/1/12
- Digital Photography and the Fire Investigator, CFITrainer.net 4 hours tested 2/28/12
- Explosion Dynamics, CFITrainer.net 4 hours tested 2/28/12
- Preparation for the Marine Fire Scene, CFITrainer.net 4 hours tested 2/28/12
- Insurance and the Fire Investigation, CFITrainer.net 4 hours tested 2/28/12
- Fire Protection Systems, CFITrainer.net 3 hours tested 2/15/12
- An Analysis of the Station Nightclub Fire, CFITrainer.net 4 hours tested 2/13/12
- Charleston Sofa Super Store Fire, CFITrainer.net 4 hours tested 2/13/12
- Critical Thinking Solves Cases, CFITrainer.net 4 hours tested 2/10/12
- Ethics and the Fire Investigator, CFITrainer.net 3 hours tested 2/10/12
- Evidence Examination, What Happens at the Lab? CFITrainer.net 4 hours tested 2/10/12
- DNA, CFITrainer.net 3 hours tested 2/3/12
- Electrical Safety, CFITrainer.net 3 hours tested 2/3/12
- Juvenile Fire Setter Intervention II, National Fire Academy Stow, MA 16 hours tested 2/1/12
- Juvenile Fire Setter Intervention Specialist I, National Fire Academy Stow, MA 16 hours tested 1/31/12
- Arc Mapping Basics, CFITrainer.net 4 hours tested 1/23/12
- The Public – Private Partnership, IAAI Dorchester MA 6 hours tested 1/19/12
- A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, CFITrainer.net 4 hours tested 1/18/12
- Proper Handling of Evidence, IAAI Auburn, MA 6 hours tested 11/17/11
- Basic Fire Investigation, Massachusetts Department of Fire Services, Stow, MA 48 hours tested 10/26/11
- Fundamentals of Residential Building Construction, IAAI 3 hours tested 10/23/11
- Introduction to Fire Dynamics and Modeling, CFITrainer.net 4 hours tested 10/23/11
- Fire Investigator Scene Safety, CFITrainer.net 3 hours tested 10/20/11
- Investigating Motor Vehicle Fires, CFITrainer.net 4 hours tested 10/20/11
- Documenting the Event, CFITrainer.net 4 hours tested 10/19/11
- Search and Seizure, CFITrainer.net 4 hours tested 10/19/11
- Investigating Fatal Fires, CFITrainer.net 4 hours tested 10/19/11
- Introduction to Evidence, CFITrainer.net 4 hours tested 10/13/11
- Physical Evidence at the Fire Scene, CFITrainer.net 4 hours tested 10/13/11
- Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, CFITrainer.net 4 hours tested 10/9/11
- The Scientific Method for Fire and Explosion Investigation, CFITrainer.net 3 hours tested 10/9/11
- How First Responders Impact the Fire Investigation, CFITrainer.net 2 hours tested 10/9/11
- New Bomb Component Law, IAAI, Maynard, MA 6 hour tested 9/15/11