

FORENSIC FIRE INVESTIGATION

Massachusetts, Rhode Island & Connecticut

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KEVIN M. MURPHY

SENIOR FIRE INVESTIGATOR, IAAI-CFI (V)

QUALIFICATIONS & CURRICULUM VITAE

PROFESSIONAL SUMMARY

Mr. Kevin Murphy has 25 years of fire investigation and fire inspection experience in both public and private sectors. He has personally worked or supervised over 2,000 fire and explosion investigations involving commercial and residential facilities, watercraft, automobiles, and heavy equipment. Mr. Murphy's knowledge and responsibilities include documenting fire scenes, evidence collection & preservation techniques, interviewing, post-incident investigation, presenting findings, along with file and evidence management.

In 2024, Mr. Murphy joined the Thermalogix LLC team as a Sr. Fire Investigator, in which he continues to provide the highest level of expertise and professionalism to each assigned investigation.

PROFESSIONAL EXPERIENCE

THERMALOGIX, LLC Senior Fire Investigator	2024 –
ENVISTA FORENSICS Senior Consultant – Fire & Explosion Unit	2016 – 2024
STATE OF RHODE ISLAND, DIVISION OF STATE FIRE MARSHAL Senior Investigator	1999 – 2016
Investigator	2003 – 2016
Inspector	2003 – 2003
	1999 – 2003

LICENSES & CERTIFICATIONS

International Association of Arson Investigators; Certified Fire Investigator, IAAI-CFI

EDUCATION

- Associate of Applied Science in Fire Science, Community College of Rhode Island, RI 1998

SPECIALIZED EDUCATION & TRAINING

- Marine Fire Investigation, IAAI, CFI Trainer 2023
- Asbestos Awareness Training , Safety Unlimited Inc. 2023
- Scientific Method for Fire and Explosions, IAAI, CFI Trainer 2023
- Marine Fire Scene, IAAI, CFI Trainer 2023
- NFPA 921/1033 Updates, IAAI, CFI Trainer 2023
- Lithium-Ion Battery Fires, IAAI-RI 2023
- Essentials of Fire Investigation Part 1, IAAI-RI 2022
- Report Writing, IAAI-RI 2021
- NFPA 921/1033 Updates, IAAI-RI 2021
- 35th Annual "Virtual" Arson Investigators Seminar, IAAI- CT 2020
- Fire Investigation Training Conference, Envista Forensics 2020
- Annual Seminar, IAAI-CT 2019
- Courtroom Testimony, IAAI-CT 2019
- Asbestos Awareness Training, Safety Unlimited Inc 2018
- Appliance Fires, IAAI- RI 2018
- Annual Training Seminar, IAAI-RI 2017
- Deposition Training, Envista Forensics 2016
- NFPA 921 & 1033 Training, Envista Forensics 2016
- Annual Training Seminars, IAAI-RI 2015
- Annual Training Seminars, IAAI-RI 2014
- Certified Fire Investigator Re-certification, IAAI 2014
- RILETS User Re-certification, RI State PD 2014
- Arc Mapping Basics, IAAI 2013
- Electrical Safety, IAAI 2013
- Expert Testimony, Daubert, Courtroom Demeanor, IAAI-RI 2013
- Case Management and Mobile Refresher, Trittech Software System, MA 2013
- Fire Investigation, The Institute of Fire Science, RI 2013
- Managing Property and Evidence in Law Enforcement,
International Association for Property & Evidence 2012
- Bomb Arson Tracking System, State Fire Marshal Office and ATF, 2012
- Annual Fire Investigator Training Conference, IAAI- RI 2012
- Annual Fire Investigator Training Conference, IAAI-RI 2011
- NFPA 921 Update Seminar, IAAI- RI 2011
- Advanced Fire Investigation Training, IAAI-RI 2010
- Annual Training Conference, IAAI-RI 2009
- Interview and Interrogation Seminar, RI Division of the State Fire Marshal 2009
- Working with K-9 Accelerant Team Seminar, IAAI-RI 2009
- Juvenile Fire Setter Program, IAAI-RI 2009
- Hands-on Electrical Fire / Arson Investigation, Public Agency Training Council, 2008
- NFPA 1041 Fire Instructor Curriculum, RI Fire Academy 2008

SPECIALIZED EDUCATION & TRAINING (cont.)

- Criminal Investigation Scientific Evidence I & II, University of Rhode Island 2007-2008
- Pipe Bomb Fragments, IAAI-RI 2005
- Advanced Interviewing and Interrogation, John E. Reid & Associates, IL 2005
- Interviewing and Interrogation, John E. Reid & Associates, IL 2005
- Vehicle Fire Examination Seminar, IAAI-RI 2004
- Hazmat Awareness Level 1, FI Fire Academy 2004
- Advanced Fire Scene Investigations, Union Fire District – Lee Cole and Associates, IAAI-RI 2004
- Investigation of Vehicle Fire Seminar, Union Fire District – Lee Cole and Associates, IAAI-RI 2004
- NFPA 101 Life Safety Code, NFPA 2003
- NFPA 1 Uniform Fire Code, NFPA 2003
- Fire Inspection Principles, National Fire Academy 2003
- Fire Origin and Cause Seminar, IAAI-RI 2003
- NFPA 30 & UL Testing Methods, RI Fire Academy 2003
- Fire / Arson Investigation, National Fire Academy, MD 2003
- Rhode Island Municipal Police Academy's Substantive Criminal Law, Community College RI 2002
- Fraud / Cold Case Homicides Seminar, Community College of Rhode Island 2002
- NFPA Fire Inspector Certification Course, NFPA 2002
- Investigation of Terrorism Incidents Seminar, Department of Justice / FBI 2002
- Rhode Island Rehabilitation Building and Fire Code, State Building Commission 2002
- Principles of Fire Protection: Structures and Systems, National Fire Academy 2001
- Testing and Evaluation of Water Supplies for Fire Protection, National Fire Academy 2001
- NFPA 101 Life Safety Code, RI Fire Academy 2001
- Fire Safety Evaluation Systems (FSSES) for Health Care, U.S. Department of Health & Human Services 2001
- NFPA Fire Plan Examiner / Certification (Pilot Training Program) National Fire Protection Association 2000
- NFPA 96 & NFPA 211, Rhode Island Fire Academy 2000
- Life Safety Code Surveyor - Health Care Financing Administration, U.S. Department of Health & Human Services 2000
- Life Safety Code Plans Review, RI Fire Academy 2000
- IMC Training Course for Police Records and Imaging Software, Information Management Corporation 2000
- National Fire Academy Training Course – Fire Inspection Principles, National Fire Academy 2000
- Fire Alarm Systems, RI Fire Academy 2000
- Life Safety Code Fire Stop Systems, RI Fire Academy 2000
- Automatic Sprinkler System Seminar NFPA 13, RI Fire Academy 1999
- All other seminars and certification available upon request

PROFESSIONAL AFFILIATIONS

- International Association of Arson Investigators, Connecticut Chapter
- International Association of Arson Investigators, Massachusetts Chapter
- International Association of Arson Investigators, Rhode Island Chapter
- International Association of Arson Investigators (IAAI)

PROJECT EXPERIENCE

- **GUEST LECTURER/ INSTRUCTOR**
Legal Aspects of Fire Investigation – Instructed 2 hours of 4th Amendment Case Law.
IAAI-RI CHAPTER, Feb 2020
- **GUEST LECTURER/ INSTRUCTOR**
2020 Q1 Legal Aspects of Fire Investigation – Instructed 2 hours.
IAAI-RI CHAPTER, May 2020

COURT QUALIFICATIONS & DEPOSITIONS

- **EXPERT WITNESS:** U.S. District Court, Rhode Island