

## Joseph “Joe” Kelley | Fire Investigator, IAAI-CFI, ECT, FIT

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### Professional Summary:

Joseph “Joe” Kelley began his career as a volunteer firefighter for the Henry County Fire Department in 1982. He would continue to serve Henry County for 37 years until he retired in 2019. During his time with Henry County he completed all necessary training and education to achieve the position of Firefighter/EMT and then Firefighter/Paramedic.

He continued to work his career path with Henry County by being promoted to the positions of Fire Inspector/Investigator, Lieutenant Inspector/Investigator, Battalion Chief of Prevention, and then to Assistant Chief of Prevention. He continued to meet the qualifications and educational requirements to remain certified in all aspects of the Fire Investigation field.

In addition to serving as the County Fire Marshal for the unincorporated areas of Henry County, he also served the cities of Stockbridge, Hampton and Locust Grove.

Mr. Kelley also served for 23 years as a Georgia certified Inspector, Fire Investigator and Peace Officer, as well as serving as a member of the Metro Arson Task Force with ATF. Also obtaining certification through the International Associations of Arson Investigators as Fire Investigation Technician, International Associations of Arson Investigators International Associations of Arson Investigators, Evidence Collection Technician and Fire Investigator.

### Licenses and Certifications:

Certified Fire Investigator, IAAI, Certification # 08-073166

Certified Evidence Collection Technician, IAAI, Certification # 575

Fire Investigator Technician, IAAI

Certified Basic Peace Officer, Georgia Peace Officer Standard and Training Council, Certification #PBLE-93-0057-S

Certified Arson Investigator, Georgia Peace Officer Standard and Training Council, Certification # PS-07-88-A013-S

Certified Firefighter II, National Board on Fire Service Professional Qualifications, Certification # 3277

Certified Fire Officer II, National Board on Fire Service Professional Qualifications Certification # 912

Certified Fire Inspector II, National Board on Fire Service Professional Qualifications Certification #134

Certified Fire Instructor II, National Board on Fire Service Professional Qualifications Certification # 484

Certified Fire Investigator, Georgia Firefighter Standard and Training Council Certification # INV-00095-05

Certified Fire Inspector, Georgia Firefighter Standard and Training Council Certification # ISP-00234-05

Certified Fire Instructor, Georgia Firefighter Standard and Training Council Certification # GFA-1081-IS84

Certified Fire Fighter, Georgia Firefighter Standard and Training Council Certification # 130-9499C-84

### Court Qualifications/ Depositions:

Litigation CV available upon request.

### Professional Experience:

EFI Global, Fire Investigator, 2019 - Present

Henry County Fire Department, Assistant Chief of Prevention, 1983 – 2019

- 1982-1987 Volunteer Service
- 1983-1988 Firefighter/EMT (Full-time)
- 1988-1995 Firefighter/Paramedic
- 1996-1997 Fire Inspector/Investigator
- 2000-2001 Battalion Chief of Prevention (Fire Marshal)
- 2001- 2019 Assistant Chief of Prevention (Fire Marshal)

### Specialized Education:

2023 ITC Butane Hash Oil, CFITrainer.net, 2023

2023 ITC Complex Fire Investigation with Focus on Electrical Systems, CFITrainer.net, 2023

2023 ITC Fire Photography, CFITrainer.net, 2023

2023 ITC NEFPA 1321 Standards on Fire Investigation Units, CFITrainer.net, 2023

2023 ITC Born to Burn, CFITrainer.net, 2023

2023 ITC Firearm and Fire Cause, CFITrainer.net, 2023

2023 ITC Understanding Fuel Gas Codes, CFITrainer.net, 2023

2023 ITC Gone With or Without a Trace, CFITrainer.net, 2023

Fire Effects Part 1: Heat Effects on Fuels, CFITrainer.net, 2023

Fire Effects Part 2: Combustion By-Products Effects, CFITrainer.net, 2023

GFIA SEATC 2023, Georgia Fire Investigator's Association, (28 hours) 2023

TN ATC 2023, Tennessee Chapter IAAI Annual Training, (34 hours) 2023

Georgia POST NBAO4G (24 hours), Georgia FFST 1996- 2023-01 (24 hours)

Georgia POST NBAO4G (24 hours), Georgia FFST 1996-2022-01 (24 hours)

Technology, Ethics, Hot Surface Ignition, Space Heater Fires, Lithium-Ion Battery Failure,

Understanding Lightning, Smoking Material Fires & Evidence Collection, 2022

Georgia POST NBAO4G (28 hours), Georgia FFST 1997-2000-01 (28 hours) Multi-Media Profiling,

Legal Challenges Myths & Methodology, FEPA 1321 Overview, Future of Fire Investigations, Post

Blast Scene Exam, Commercial Kitchen Vent Systems Investigations, 2022

TN ATC 2022 – Fire Investigator Safety, IAAI Annual Conference TN, 2022

TN ATC 2022 – Basic Fire Dynamics, IAAI Annual Conference TN, 2022

TN ATC 2022 – Cigarette Ignition Analysis, IAAI Annual Conference TN, 2022  
TN ATC 2022 – Fire Fatalities/Line of Duty Death Investigations, IAAI Annual Conference TN, 2022  
TN ATC 2022 – Burn Stuff to Learn Stuff, IAAI Annual Conference TN, 2022  
TN ATC 2022 - Law Update and Search Warrants, IAAI Annual Conference TN, 2022  
TN ATC 2022 - RV Fires and their Investigation, IAAI Annual Conference TN, 2022  
TN ATC 2022 – Challenges to Expert Qualifications, Methodology & Opinions, IAAI Annual Conference 2022  
Explosion Dynamics, CFITrainer.Net, 2021  
Fire Chemistry, CFITrainer.Net, 2021  
GFIA SEATC, CFITrainer.Net, 2021  
GFIA Spring 2021, CFITrainer.Net, 2021  
TN ATC 2021- Emerging Consideration for Fire Investigators and beyond, CFITrainer.Net, 2021  
TN ATC 2021 – Fire Patterns and Explosion Scene Investigations, CFITrainer.Net, 2021  
TN ACT 2021-Helpful Tips in Collection Fire Debris Samples, CFITrainer.Net, 2021  
TN ACT 2021- NFPA and Fire Investigations, CFITrainer.Net, 2021  
TN ATC 2021- Technology and Fire Investigations, CFITrainer.Net, 2021  
Fire Investigation for Fire Officers Multi-Program, CFITrainer.Net, 2019  
Principles of Fire Investigation Multi-Program, CFITrainer.Net, 2019  
Basic Electricity, CFITrainer.Net, 2019 V  
Charting Your Career Path in Fire Investigation, CFITrainer.Net, 2019  
Critical Evaluation and Testing of Commonly Reported Accidental Causes CFITrainer.Net, 2019  
Discovery in Civil Cases, CFITrainer.Net, 2019  
Discovery in Criminal Cases, CFITrainer.Net, 2019  
Ethical Duties Beyond the Fire Scene, CFITrainer.Net, 2019  
Ethics & Social Media, CFITrainer.Net, 2019  
Explosion Dynamics, CFITrainer.Net, 2019  
Fire Chemistry, CFITrainer.Net, 2019  
Fire Flow Analysis, CFITrainer.Net, 2019  
Fire Investigations for Fire Officers, CFITrainer.Net, 2019  
How First Responders Impact the Fire Investigation, CFITrainer.Net, 2019  
Introduction to Youth-Set Fires, CFITrainer.Net, 2019  
Investigating Fire & Explosion Incidents Involving a Line-of-Duty Death, CFITrainer.Net, 2019  
Investigating Motor Vehicle Fires, CFITrainer.Net, 2009 and Refresher 2019  
Investigating Natural Gas System, CFITrainer.Net, 2019  
Legal Aspects of Investigating Youth-Set Fires, CFITrainer.Net, 2019  
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, CFITrainer.Net, 2019  
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, CFITrainer.Net, 2019  
Residential Electrical System, CFITrainer.Net, 11/1/2019  
Residential Natural Gas Systems, CFITrainer.Net, 2019  
The Deposition Part 1: Format, Content, & Preparation, CFITrainer.Net, 2019  
The Deposition Part 2: Questioning Tactics & Effective Responses, CFITrainer.Net, 2019  
Thermometry, Heat, & Heat Transfer, CFITrainer.Net, 2019  
Understanding Undetermined, CFITrainer.Net, 2019  
What the Insurance Professional Needs to Know About Fire Investigation, CFITrainer.Net, 2019  
Writing the Initial Origin and Cause Report, CFITrainer.Net, 2019  
TN 2019 ATC, Tennessee Chapter International Association of Arson Investigators, 2019  
GFIA SEATC 2019, Georgia Fire Investigators Association, 2019  
GFIA Spring Conference 2019, Georgia Fire Investigators Association, 2019  
Accreditation, Certification, and Certificates, CFITrainer.Net, 2018  
Communicating the Value of Membership in the IAAI, CFITrainer.Net, 2018

DNA, CFITrainer.Net, 2018  
Documenting the Event, CFITrainer.Net, 2009 and Refresher 2018  
Ethics and the Fire Investigator, CFITrainer.Net, 2009 and Refresher 2018  
Evidence Examination: What Happens at the Lab? CFITrainer.Net, 2010 and Refresher 2018  
Introduction to Evidence, CFITrainer.Net, 2009 and Refresher 2018  
NFPA1033 and Your Career, CFITrainer.Net, 2018  
The Practical Application of the Relationship Between NFPA 1033 & NFPA 921, CFITrainer.Net, 2018  
The Scientific Method for Fire and Explosion Investigation, CFITrainer.Net, 2009 and Refresher 2018  
TN 2018 ATC, Tennessee Chapter International Association of Arson Investigators, 2018  
GFIA SEATC 2018, Georgia Fire Investigators Association, 2018  
2018 ITC General Session, International Association of Arson Investigators, 2018  
GFIA Spring Conference 2018, Georgia Fire Investigators Association, 2018  
GFIA SEATC 2017, Georgia Fire Investigators Association, 2017  
GFIA Spring Conference 2017, Georgia Fire Investigators Association, 2017  
GFIA ATC 2016, Georgia Fire Investigators Association, 2016  
GFIA Spring Conference 2016, Georgia Fire Investigators Association, 2016  
Evidence Collection & Preservation, Georgia Public Safety Training Center, 2016  
GFIA ATC 2015, Georgia Fire Investigators Association, 2015  
GFIA Spring Conference 2015, Georgia Fire Investigators Association, 2015  
GFIA SEATC 2014, Georgia Fire Investigators Association, 2014  
GFIA Spring Conference 2014, Georgia Fire Investigators Association, 2014  
Preliminary Damage Assessment for Individual Assistance, GEMA, 2010 & 2014  
GFIA SEATC 2013, Georgia Fire Investigators Association, 2013  
GFIA Spring Conference 2013, Georgia Fire Investigators Association, 2013  
GFIA SEATC 2012, Georgia Fire Investigators Association, 2012  
TN 2011 ATC, Tennessee Chapter International Association of Arson Investigators, 2011  
Electrical Safety, CFITrainer.Net, 2010  
Fundamentals of Interviewing, CFITrainer.Net, 2010  
Fundamental of Residential Building Construction, CFITrainer.Net, 2010  
Preparation for the Marine Fire Scene, CFITrainer.Net, 2010  
The Hazwoper Standard, CFITrainer.Net, 2010  
Wildland Fires Investigation, CFITrainer.Net, 2010  
GFIA SEATC 2010, Georgia Fire Investigators Association, 2010  
2011 Edition of NFPA 25 Webinar, Simplex Grinnell, 2010  
An Analysis of The Station Nightclub Fire, CFITrainer.Net, 2009  
Arc Mapping Basics, CFITrainer.Net, 2009  
Critical Thinking Solves Cases, CFITrainer.Net, 2009  
Digital Photography and the Fire Investigator, CFITrainer.Net, 2009  
Effective Investigation and Testimony, CFITrainer.Net, 2009  
Fire and Explosion Investigation: Utilizing NFPA 1033 and 921, CFITrainer.Net 2009  
Fire Dynamics Calculations - Version 2.0, CFITrainer.Net, 2009  
Fire Investigator Scene Safety, CFITrainer.Net, 2009  
Insurance and the Fire Investigation, CFITrainer.Net, 2009  
Introduction to Fire Dynamics and Modeling, CFITrainer.Net, 2009  
Investigating Fatal Fires, CFITrainer.Net, 2009  
Magne Tek: A Case Study in the Daubert Challenge, CFITrainer.Net, 2009  
Motive, Means, and Opportunity: Determining Responsibility in An Arson Case, CFITrainer.Net, 2009  
Physical Evidence at the Fire Scene, CFITrainer.Net, 2009

Post flashover Fires, CFITrainer.Net, 2009  
The Impact of Ventilation in Building Structures on Fire Development, CFITrainer.Net, 2009  
Understanding Fire Through the Candle Experiments, CFITrainer.Net, 2009  
Vacant and Abandoned Building: Hazards and Solutions, CFITrainer.Net, 2009  
GFIA SEATC 2009, Georgia Fire Investigators Association, 2009  
GFIA Spring Conference 2009, Georgia Fire Investigators Association, 2009  
Fire Sprinkler Installation Standards Webinar, Simplex Grinnell, 2009  
Alternative Water Supply: Planning & Implementing Programs, Nation Fire Academy, 2009  
Testing & Evaluation of Water Supplies for Fire Protection, National Fire Academy, 2009  
Fire Modeling In a Single Family Occupancy, Georgia Public Safety Training Center & Fema, 2009  
44<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2008  
Urban Post Blast Training, AFT, 2008  
43<sup>rd</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2007  
42<sup>nd</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2006  
NFPA 10, 17, 17A, 96, UL300 & Class K Update, Amerex Corporation, 2006  
41<sup>st</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2005  
Firestop Inspection, Rectorseal, 2005  
40<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2004  
39<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2003  
37<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2001  
36<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 2000  
Fire-Resistive Construction Requirements, B&F Technical Code Services, Inc., 2000  
35<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 1999  
Excavation & Trenching Safety OSHA Competent Person Training Course, Prosafe Training Institute, 1999  
34<sup>th</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 1998  
Arson Investigations Symposium, Georgia Public Safety Training Center, 1998  
Current Issues in Arson Investigations, Georgia Public Safety Training Center, 1998  
Juvenile Firesetters Intervention Workshop, FEMA, 1998  
Georgia Accessibility Standards, University of Georgia, 1998  
33<sup>rd</sup> Southeastern Annual Training Seminar, Georgia Fire Investigator's Association, 1997  
Bomb Incident Management Seminar, GEMA, 1997  
Fire Investigation/Insurance Cooperation, Georgia Public Safety Training Center, 1995  
LP and Natural Gas Fire Investigations, Georgia Public Safety Training Center, 1995  
Post Blast Investigator, FBI, 1995  
Basic Arson Investigation, North Central Georgia Law Enforcement Academy, 1987  
Advanced Arson Investigation, North Central Georgia Law Enforcement Academy, 1987  
Basic Fire Inspector 1, Georgia Fire Academy, 1986

#### Education:

Henry County Senior High School, McDonough, Georgia

#### Affiliations:

International Association of Arson Investigators  
Georgia Fire Investigators Association IAAI Chapter 8

- 2015-2016 2<sup>nd</sup> Vice President
- 2016-2017 1<sup>st</sup> Vice President

- 2017-2018 President
  - Currently Passed President
- Tennessee Fire Investigator Association IAAI Chapter 4

#### Honors and Awards:

Henry County Basic EMT of the Year 1988  
Henry County Prevention Officer of the Year 2017  
Outstanding Volunteerism & Service Award, The State of Georgia Secretary of State, 1996  
KG Davis Scholarship, Georgia Fire Investigators Association IAAI Chapter 8, 2010  
Unit Citation Award, Henry County Fire Department, 2006 and 2013