

Professional Summary:

Mr. Reynolds has many hours of classroom fire investigation training and over 20 years of proven and court-tested experience as a fire origin and cause investigator. He has worked within the fire service and the private sector, investigating and/or supervising hundreds of fire and explosion incidents. These investigations have involved fires that were criminal and accidental, which resulted in high dollar losses and loss of life.

Mr. Reynolds has presented many fire investigation training programs within the Jacksonville Fire Rescue Department and related topics as a credentialed adjunct instructor for Florida State College's Fire Science Degree program.

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, Certification # 09-060924 with vehicle endorsement IAAI-CFI(V)

Certified Fire & Explosion Investigator, National Association of Fire Investigators, Registration # 10391-950

Private Investigator, Department of Agriculture and Consumer Services, Florida, License # C1200041

Federal Aviation Administration, Remote Pilot, Certificate # 4624567

Private Detective, Secretary of State, Georgia, License # PDE049336

Private Investigator, State of Texas, License #050601701

Court Qualifications/ Depositions:

Mr. Reynolds has testified as an expert witness in Florida Criminal Court. He has also given expert witness testimony by deposition in Duval County, Florida for criminal and civil court.

Professional Experience:

EFI Global, Senior Fire Investigator, 2021 – Present

E2 Design & Construction, LLC, General Manager, 2020 – 2021

Kevin B. Hays Fire Consulting, LLC, Fire Consultant, 2020 – 2020

EFI Global, Senior Fire Investigator, 2018 – 2020

Unified Investigations & Sciences, Inc., Senior Fire Investigator, 2018 – 2018

Unified Investigations & Sciences, Inc., Fire Investigator, 2015 – 2018

Firensics, Inc., Fire Investigator, 2013 – 2014

Unified Investigations & Sciences, Inc., Special Investigator, 2012 – 2013

Jacksonville Fire & Rescue Department, Fire Captain, 2004 – 2012

Jacksonville Fire & Rescue Department, Fire Lieutenant, 2001 – 2004

Jacksonville Fire & Rescue Department, Engineer, 1997 – 2001
Jacksonville Fire & Rescue Department, Firefighter, 1993 - 1997

Specialized Education:

Marine Fire Investigation, International Association of Arson Investigators/CFI Trainer.net, 2024
Preparation for the Marine Fire Scene, International Association of Arson Investigators/CFI Trainer.net, 2024
The Scientific Method for Fire and Explosion Investigation, International Association of Arson Investigators/CFI Trainer.net, 2024
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, International Association of Arson Investigators/CFI Trainer.net, 2024
FL ATC 2023, Wildland Fire Investigation, International Association of Arson Investigators/CFI Trainer.net, 2023
FL ATC 2023, Making Arson Cases Stronger for Prosecution, International Association of Arson Investigators/CFI Trainer.net, 2023
FL ATC 2023, Investigating Lightning Strike Fires, International Association of Arson Investigators/CFI Trainer.net, 2023
FL ATC 2023, Hypothesis Development in Fire Investigation, International Association of Arson Investigators/CFI Trainer.net, 2023
FL ATC 2023, Challenges to Expert Qualifications, Methodology, & Opinions, International Association of Arson Investigators/CFI Trainer.net, 2023
Charting Your Career Path In Fire Investigation, International Association of Arson Investigators/CFI Trainer.net, 2023
Writing the Initial Origin and Cause Report, International Association of Arson Investigators/CFI Trainer.net, 2023
Thermometry, Heat, and Heat Transfer, International Association of Arson Investigators/CFI Trainer.net, 2023
Fire Effects Part 2: Combustion By-Products Effects, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Born to Burn, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Complex Fire Investigation with Focus on Electrical Systems, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Firearm and Fire Cause, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Butane Hash Oil, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Child/Adolescent Forensic Interviewing in Fire Investigations, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Looking Past the Fire, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC NFPA 1321 Standards on Fire Investigation Units, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Fire Photography, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC An Examination of Wi-Fi (Smart) Plug, International Association of Arson Investigators/CFI Trainer.net, 2023
ITC Investigating Arson for Profit, International Association of Arson Investigators/CFI Trainer.net, 2023
Fire Effects Part 1: Heat Effects on Fuels, International Association of Arson Investigators/CFI Trainer.net, 2023
Electrical Safety, International Association of Arson Investigators, CFITrainer.net, 2023

Evidence Examination: What Happens at the Lab, International Assoc. of Arson Investigators, CFITrainer.net, 2023
International Fire, Arson, & Explosion Investigation Training Program, National Association of Fire Investigators, New Orleans, LA, 2022
Lithium-Ion Battery Fires, International Association of Arson Investigators/CFI Trainer.net, 2022
Residential Natural Gas Systems, International Association of Arson Investigators/CFI Trainer.net, 2022
Ethics and the Fire Investigator, International Association of Arson Investigators/CFI Trainer.net, 2021
Critical Evaluation and Testing of Commonly Reported Accidental Causes, International Association of Arson Investigators/CFI Trainer.net, 2021
Fire Flow Analysis, International Association of Arson Investigators/CFI Trainer.net, 2021
Electric & Hybrid Vehicle Design Basics, International Association of Arson Investigators/CFI Trainer.net, 2021
Ethics & Social Media, International Association of Arson Investigators/CFI Trainer.net, 2021
Introduction to Appliances, International Association of Arson Investigators/CFI Trainer.net, 2021
Introduction to Youth-Set Fires, International Association of Arson Investigators/CFI Trainer.net, 2021
The Deposition Part 1: Format, Content, and Preparation, International Association of Arson Investigators/CFI Trainer.net, 2021
Asbestos Operations & Maintenance Refresher, Asbestos Consulting & Training Systems, Seagull Training, 2019
2019 ITC Investigating Natural Gas Events, International Association of Arson Investigators, 2019
2019 ITC I've Lost My Moral Compass: A Case Study of an Interagency Investigation into Two Complex Arsons, International Association of Arson Investigators, 2019
2019 ITC Patterns of Heat Flow and Melted Conductors, International Association of Arson Investigators, 2019
Asbestos Operations & Maintenance Course, Asbestos Consulting & Training Systems / Seagull Training, 2018
Motor Vehicle Fire Investigation, International Association of Arson Investigators, Reading, PA, 2018
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, International Association of Arson Investigators/CFITrainer.net, 2018
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, International Association of Arson Investigators/CFITrainer.net, 2018
Fire Chemistry, International Association of Arson Investigators/CFITrainer.net, 2018
Asbestos Standard for the Construction Industry, Compliance Training Online, 2017
Essentials of NFPA 1033, Unified Investigations & Sciences, 2017
Fundamentals of Residential Building Construction, International Association of Arson Investigators/CFITrainer.net, 2016
Knowledge I Motor Vehicle Fires Tier I, International Association of Arson Investigators/CFITrainer.net, 2016
Investigating Motor Vehicle Fires, International Association of Arson Investigators/CFITrainer.net, 2016
Osha 29 CFR 1910.1200 Globally Harmonized System of Classification and Labeling of Chemicals, Unified Investigations & Sciences, 2015
Fire Protection Systems, International Association of Arson Investigators/CFITrainer.net, 2015
Basic Electricity, International Association of Arson Investigators/CFITrainer.net, 2015

Understanding Fire Through the Candle Experiments, International Association of Arson Investigators/CFITrainer.net, 2015
Residential Electrical Systems, International Association of Arson Investigators/CFITrainer.net, 2014
NFPA 921 and 1033 2014 Editions: Important Revisions, International Association of Arson Investigators/CFITrainer.net, 2014
Effective Investigation and Testimony, International Association of Arson Investigators/CFITrainer.net, 2014
Explosion Dynamics, International Association of Arson Investigators/CFITrainer.net, 2014
Introduction to Evidence, International Association of Arson Investigators/CFITrainer.net, 2014
Documenting the Event, International Association of Arson Investigators/CFITrainer.net, 2014
Critical Thinking Solves Cases, International Association of Arson Investigators/CFITrainer.net, 2013
Insurance and the Fire Investigation, International Association of Arson Investigators/CFITrainer.net, 2013
Keeping Up with the Dogs, Texas State Fire Marshal's Office, 2013
HAZWOPER (Hazardous Waste Safety for General Site Workers), Northeast Florida Safety Council, Inc., 2012
UIS Investigations School, Unified Investigations & Sciences, 2012
Fundamentals of Interviewing, International Association of Arson Investigators/CFITrainer.net, 2012
Arc Mapping Basics, International Association of Arson Investigators/CFITrainer.net, 2012
AHAM- Investigation of Electrical and Appliance Related Fires, International Association of Arson Investigators, Inc., 2011
Fire Investigator Scene Safety, International Association of Arson Investigators/CFITrainer.net, 2011
Fire Dynamics Calculations, International Association of Arson Investigators/CFITrainer.net, 2011
Introduction to Fire Dynamics and Modeling, International Association of Arson Investigators/CFITrainer.net, 2011
Post Blast Investigative Techniques I, Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives, 2010
Vacant and Abandoned Buildings: Hazards and Solutions, International Association of Arson Investigators/CFITrainer.net, 2009
Post Flashover Fires, International Association of Arson Investigators/CFITrainer.net, 2009
Magne Tek: A Case Study in the Daubert Challenge, International Association of Arson Investigators/CFITrainer.net, 2009
A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, International Association of Arson Investigators/CFITrainer.net, 2009
Fire Service Course Design, Florida State Fire College, 2009
Incident Safety Officer, Jacksonville Fire Rescue Department, 2006
2005 National Advanced Fire, Arson, and Explosion Investigation Science and Technology Program, National Association of Fire Investigators, 2005
Fire Investigation: Origin and Cause, Florida State Fire College, 2002
Fire Service Course Delivery, Florida State Fire College, 2002
Incident Response to Terrorist Bombings, New Mexico Tech Energetic Materials Research and Training Center, 2001
Hazardous Materials Basic Concepts, Jacksonville Fire Rescue Training Center, 1995
Surviving Hazardous Materials Incidents, Jacksonville Fire Rescue Training Center, 1995

Education:

Master of Arts, Liberal Studies - Excelsior College, Albany, New York, 2010
Bachelor of Science, Liberal Arts, Excelsior College, Albany, New York, 2008
Associate of Applied Science, Fire Science and Technology, City College of Chicago, RAF
Bentwaters, United Kingdom, 1987

Affiliations:

International Association of Fire Investigators (IAAI)
National Association of Fire Investigators (NAFI)
Jacksonville Claims Association
Orlando Claims Association

Courses Instructed/ Guest Lecturer:

Fire Scene Investigation 1.0
Fire Behavior for Insurance Adjusters/SIU with Live Burn
ARFF – Aircraft Rescue and Fire Fighting
Building Construction for the Fire Service
Fire Chemistry
Fire Behavior and Combustion Process
Fire Prevention Practices
Introduction to Fire Investigations
Construction Documents and Plan Review