

Wesley Heath Smith | Regional Fire Sciences Principal Eastern U.S., MBA, IAAI-CFI (V)

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Professional Summary:

Wesley Heath Smith began his career as a firefighter/EMT. In this position he was responsible for fire suppression and medical response efforts. In 2007 he began his career in fire investigation as an Assistant Fire Marshal responsible for fire code enforcement, public education, and fire investigation in the city of Gadsden, Alabama. He continued his education through attendance at Columbia Southern University and graduating with a 4.0 GPA from their MBA program. Wesley in addition to his post graduate education has achieved the Certified Fire Investigator distinction with the International Association of Arson Investigators along with Fire Inspector II designation through the International Code Council. Currently he provides guidance to other fire investigators in the South District of EFI Global to include technical review of expert reports.

Area of Expertise:

- Origin and Cause analysis
- Fire Code Inspection
- Fire Suppression Systems
- Firefighting Strategy & Tactics

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, 06-101840
Certified Motor Vehicle Fire Investigator, International Association of Arson Investigators
Private Detective, State of Georgia, License No. PDE051448
Fire Inspector II, International Code Council
Fire Investigator, Alabama Fire College, Alabama
Firefighter II, Alabama Fire College, Alabama
FAA Licensed Drone Pilot

Professional Experience:

EFI Global, Fire Investigator, 2018-Present
Argo Fire & Rescue, Fire Chief, 05/2018-09/2018
Gadsden Fire Department, Asst. Fire Marshal, 2007-2018
Lincoln Fire Department, Firefighter, 2005-2007

Court Qualifications/ Depositions:

Testimony Federal Court, Housley et al V. Liftone, LLC., Case 7:20-CV-00010, U.S. District Court, Alabama Northern District, November 8-9, 2021

Deposition Civil Case, State, Gadsden, Alabama, CV16900264

Deposition Civil Case, Federal, Northern Alabama District, 16-CV-1331

Specialized Education:

TN ATC 2022, Basic Fire Dynamics, (4 hours tested training, 2022)

TN ATC 2022, Burn Stuff to Learn Stuff (4 hours tested training, 2022)

TN ATC 2022, Cigarette Ignition Analysis (4 hours tested training, 2022)

TN ATC 2022, Fire Fatalities/Line of Duty Death Investigations (4 hours tested training, 2022)

TN ATC 2022, Fire Investigator Safety (6 hours tested training, 2022)

TN ATC 2022, Law Update and Search Warrants (3 hours tested training, 2022)

TN ATC 2022, RV Fires and their Investigation (4 hours tested training, 2022)

IAAI, CFI Trainer, Emerging Technologies in Fire Investigation (3 hours tested training, 2022)

TN ATC 2021- Fire patterns and Explosion Scene Investigations (8 hours tested training, 2021)

TN ATC 2021- Fire Suppression and Ventilation Systems in Commercial Cooking Operations (8 hours tested training, 2021)

TN ATC 2021- NFPA and Fire Investigation (6 hours tested training, 2021)

IAAI, CFI Trainer, Lithium-Ion Battery Fires (3 hours tested training, 2021)

IAAI, CFI Trainer, Electric & Hybrid Vehicle Design Basics. (3 hours tested training, 2021)

IAAI, CFI Trainer, 2021 NFPA 921 Chapters 4&5 Methodology & Science. (2 hours tested training, 2021)

IAAI, CFI Trainer, Introduction to Appliances (3 hours tested training, 2020)

IAAI, AL 2019-Vehicle Fire Patterns and Origin and Cause, Systems and Causes (12 hours tested training, 2019)

IAAI, AL 2019-Investigating Fuel Gas Fires & Explosions (4 hours tested training, 2019)

IAAI, CFI Trainer, Charting Your path In Fire Investigation (3 hours tested training, 2019)

IAAI, CFI Trainer, Critical Evaluation and Testing of Commonly Reported Accidental Causes (3 hours tested training, 2019)

IAAI, CFI Trainer, Fire Chemistry (3 hours tested training, 2019)

IAAI, CFI Trainer, Fire Investigation for Fire Officers (3 hours tested training, 2019)

IAAI, CFI Trainer, How First Responders Impact the Fire Investigation (2 hours tested training, 2019)

The Professional PI Academy, The Professional Investigator Certificate Course, (80 hours, 2019)

Arson Investigators Subrogation Webinar Series – Fire Spread...Beyond Origin and Cause (NASP, 2019)

EFI Global Continuing Education Program, Spontaneous Combustion (1 hour tested training, 2019)

IAAI, CFI Trainer, Knowledge 1 Motor Vehicle Fires Tier 1, (8 hours tested training, 2019)

EFI Global Continuing Education Program, Timelines as an Analytical Tool, (1 hour tested training, 2019)

IAAI, CFI Trainer, Fire Flow Analysis, (3 hours tested training, 2019)

IAAI, CFI Trainer, Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, (3 hours tested training, 2019)

Class III Asbestos Operations and Maintenance Initial Training, Resolution Inc. TN, (16 hours, 2019)

IAAI, CFI Trainer, Vacant and Abandoned Buildings: Hazards and Solutions (4 hours tested training, 2018)

Understanding and fighting basement fires (International Society of Fire Service Instructors, 2018)

Advanced Origin & Cause/Courtroom Testimony (ATF, NCETR, 80 hours tested training 2017)

IAAI, CFI Trainer, Discovery in Criminal Cases (3 hours tested training, 2017)

IAAI, CFI Trainer, Motor Vehicles: The Engine and Ignition, Electrical, and Fuel Systems (3 hours tested training, 2017)

IAAI, CFI Trainer, Introduction to Youth Set Fires (3 hours tested training, 2017)

IAAI, CFI Trainer, Digital Photography and the Fire Investigator (4 hours tested training, 2017)

IAAI, CFI Trainer, Thermometry, Heat, and Heat Transfer (3 hours tested training, 2017)

IAAI, CFI Trainer, Effective Investigation and Testimony (3 hours tested training, 2016)

IAAI, CFI Trainer, Electrical Safety (3 hours tested training, 2016)

IAAI, CFI Trainer, Ethical Duties Beyond the Fire Scene (3 hours tested training, 2016)

IAAI, CFI Trainer, Explosion Dynamics (4 hours tested training, 2016)

IAAI, CFI Trainer, Fire Investigator Scene Safety (3 hours tested training, 2016)

IAAI, CFI Trainer, Investigating Natural Gas Systems (3 hours tested training, 2016)

IAAI, CFI Trainer, Managing Complex Fire Scene Investigations (4 hours tested training, 2016)

IAAI, CFI Trainer, Process of Elimination (4 hours tested training, 2016)

IAAI, CFI Trainer, Residential Electrical Systems (4 hours tested training, 2016)

IAAI, CFI Trainer, Residential Natural Gas Systems (3 hours tested training, 2016)

IAAI, CFI Trainer, Search and Seizure (4 hours tested training, 2016)

IAAI, CFI Trainer, The Deposition Part 1: Format, Content, and Preparation (3 hours tested training, 2016)

IAAI, CFI Trainer, The Deposition Part 2: Questioning Tactics and Effective Responses (3 hours tested training, 2016)

IAAI, CFI Trainer, Understanding the Fire Investigators Job: A Guide for Non-investigators (3 hours tested training)

IAAI, CFI Trainer, Using Resources to Validate Your Hypothesis. (2 hours tested training, 2015)

IAAI, CFI Trainer, The Impact of Ventilation in Building Structures on Fire Development (4 hours tested training, 2015)

IAAI, CFI Trainer, Post Flashover Fires (4 hours tested training, 2015)

IAAI, CFI Trainer, Evidence Examination: What Happens at the Lab? (4 hours tested training, 2015)

IAAI, CFI Trainer, Accreditation, Certification, and Certificates (3 hours tested training, 2015)

United States Fire Administration, National Fire Academy, Fire Arson Origin and Cause (80 hours tested training, 2015)

Alabama Fire College, Fire Inspector II (40 hours tested training, 2015)

IAAI, CFI Trainer, Fundamentals of Interviewing (4 hours tested training, 2015)
IAAI, CFI Trainer, NFPA 921 and 1033, 2014 Editions Important Revisions (3 hours tested training, 2015)
IAAI, CFI Trainer, The Practical Application of the Relationship Between NFPA 1033 and NFPA 921 (2 hours tested training, 2015)
IAAI, CFI Trainer, Ethics and the Fire Investigator (3 hours tested training, 2015)
Alabama Fire College, Fire Investigator (40 hours tested training, 2014)
IAAI, CFI Trainer, Critical Thinking Solves Cases (4 hours tested training, 2014)
IAAI, CFI Trainer, Documenting the Event (4 hours tested training, 2014)
IAAI, CFI Trainer, Fire Protection Systems (3 hours tested training, 2014)
IAAI, CFI Trainer, Introduction to Evidence (4 hours tested training, 2014)
IAAI, CFI Trainer, NFPA 1033 and Your Career (2 hours tested training, 2014)
IAAI, CFI Trainer, Physical Evidence at the Fire Scene (4 hours tested training, 2014)
IAAI, CFI Trainer, The Scientific Method for Fire and Explosion Investigations (3 hours tested training, 2014)
IAAI, CFI Trainer, Arc Mapping Basics (4 hours tested training, 2014)
IAAI, CFI Trainer, Basic Electricity (4 hours tested training, 2014)
IAAI, CFI Trainer, Fundamentals of Residential Building Construction (3 hours tested training, 2014)
IAAI, CFI Trainer, Investigating Fatal Fires, (4 hours tested training, 2014)
IAAI, CFI Trainer, Investigating Motor Vehicle Fires (4 hours tested training, 2014)
IAAI, CFI Trainer, Introduction to Fire Dynamics and Modeling (4 hours tested training, 2014)
IAAI, CFI Trainer, Writing the Initial Origin and Cause Report (3 hours tested training, 2014)
Alabama Fire College, Fire Instructor (40 hours tested training)
Alabama Fire College, Live Fire Instructor (24 hours tested training)

Education:

Master of Business Administration, Public Administration, Columbia Southern University, Orange Beach, Alabama, 2017

Affiliations:

International Association of Arson Investigators (IAAI), Certified Fire Investigator
International Association of Fire Chiefs (IAFC)
Alabama Association of Arson Investigators (AAAI), Certified Fire Investigator
Tennessee Association of Arson Investigators (TAAI), Certified Fire Investigator

Courses Instructed/ Guest Lecturer:

Fire Scene evidence preservation for first responders
Introduction to Fire Protection Systems

Publications and Presentations:

