

Danda Augustin | Senior Fire Investigator, IAAI-CFI, ECT, NAFI-CFEI, CVFI, CFII

9316 Lakeview Ave. SW, Bldg. 21- C, Lakewood, WA 98496

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Professional Summary:

Mr. Augustin has more than ten years of experience in the fire service and fire investigation. He has participated in over 400 fire scene investigations including internationally.

Areas of Expertise:

- Fire Origin and Cause
- Vehicle Origin and Cause

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, #21-100957

Evidence Collection Technician, International Association of Arson Investigators, #871

Certified Fire and Explosion Investigator, National Association of Fire Investigators, #18925 - 10489pv

Certified Vehicle Fire Investigator, National Association of Fire Investigators, #18925 -10489pv

Certified Fire Investigator Instructor, National Association of Fire Investigators

Fire Investigation Technician, International Association of Arson Investigators

Certified Fire Inspector 1, National Fire Protection Association, #17-PB-0146

Certified Fire Plan Examiner, National Fire Protection Association, #17-PB-0055

Licensed Unarmed Private Investigator, Washington State #4939

Licensed Private Investigator, Oregon State #111974

Project Experience:

Marina Fire, Seattle, Washington

Multi- Agency Fire Investigation

Site Coordinator for a multiple party large loss fire scene. This included multiple visits to the scene, interviews, and supervision of evidence collection.

Residential Structure Fire (Fatality), Benton City, Washington

Assisted with a multiple day fire scene examination to evaluate, identify, process, and collect a significant amount of physical evidence from a scene where two children died in the fire.

Residential Structure Fire, Rose Hill, Saint Lucia

Largest residential loss in the island's history. Lead investigator coordinating extensive scene examination, interviews, and analysis to evaluate and identify the cause of the fire.

Residential Structure Fire, Lakewood, Washington

Investigated large loss fire in a multi-unit apartment complex. Conducted extensive scene examination, multiple interviews, evidence collection, and analysis.

Professional Experience:

EFI Global, Inc. (Lakewood, WA), Senior Fire Investigator, 2023 – Present
EFI Global, Inc. (Lakewood, WA), Fire Investigator, 2020 - 2023
EFI Global, Inc. (Lakewood, WA), Fire & Evidence Technician, 2019 - 2020
White Hall Volunteer Fire Department, (Madison County, KY), Firefighter 2013 – 2015
Saint Lucia Fire Service, Saint Lucia, Firefighter, 1999 – 2002

Education:

Bachelor of Science, Fire Arson and Explosion Investigation, Eastern Kentucky University, Richmond, KY (December 2015)

Minor: Fire and Safety Engineering Technology

Graduated Cum Laude

Associate of Science, Fire Technology and Administration, Capital Community College, Hartford, CT (May 2005)

Dean's List every semester, graduated Magna Cum Laude

Specialized Education:

International Association of Marine Investigators 33rd Annual Training Seminar, Lexington, Kentucky, 2025
Commercial Kitchen Fires 1, IAAI (CFITrainer.net) 2025
Forensic Science Conference, Caribbean Association of Forensic Sciences, Kingston, Jamaica, 2024
Fire Investigation Photography, Central Pierce Fire & Rescue, Spanaway, WA, 2024
Certified Fire Protection Specialist Primer, Portsmouth, New Hampshire, 2024
Failure to Fire: Investigating Farm Machinery Losses, Origin and Cause Webinar, 2023
Site Safety Assessment, IAAI (CFITrainer.net) 2023
Preventing Occupational Exposures to Carcinogens at the Fire Scene, IAAI (CFITrainer.net) 2023
NFPA 1033 & 921: 2022/2021 Editions Important Updates, IAAI (CFITrainer.net) 2023
Undetermined or Under-Investigation, IAAI (CFITrainer.net) 2023
Ignitable Liquid Detection Canine Teams, IAAI (CFITrainer.net) 2023
Fire Effects Part 2: Combustion By-Products Effects, IAAI (CFITrainer.net) 2023
Fire Effects Part 1: Heat Effects on Fuels, IAAI (CFITrainer.net) 2023
Alternative Fuel Vehicles, IAAI (CFITrainer.net) 2023
International Association of Marine Investigators 33rd Annual Training Seminar, Las Vegas, Nevada. 2023
Certified Fire Investigation Instructor, National Association of Fire Investigators, Dallas, Texas. 2023

Fire Fatality Investigations, Richardson, Texas, 2022
Oregon Chapter IAAI 43rd Annual Training Seminar, Newport, Oregon, 2022
International Association of Marine Investigators 32nd Annual Training Seminar, Orlando, Florida.
2022What happens when your fire loss goes to court, IAAI (CFITrainer.net) 2021
Marine Fire Investigation, International Association of Arson Investigators, Beaufort,
South Carolina, 2021Electric & Hybrid Vehicle Design Basics, IAAI (CFITrainer.net) 2021
Giving Stronger Deposition and Trial Testimony, IAAI (CFITrainer.net) 2021
Emerging Technologies in Fire Investigation, IAAI (CFITrainer.net) 2021
Expert Report Writing Class, IAAI, 2021
Expert Witness Courtroom Testimony Class, OR Chapter 31 IAAI, Lake Oswego, OR. 2020
Investigative Interviewing & Advanced Interrogation, John Reid & Associates, Kent, Washington,
2020
Asbestos Operations and Maintenance Course, PBS Engineering and Environmental, Portland, OR.
2020
Introduction to Appliances, IAAI (CFITrainer.net) 2020
Fire Dynamics Calculations - Version 2.0, IAAI (CFITrainer.net) 2020
Investigation of Gas and Electric Appliance Fires, Fire Findings, Benton Harbor, Michigan, 2019
Hands-On Electrical Fire and Arson Investigation, Public Agency Training Council, Torrington, CT,
2019
Charting Your Career Path in Fire Investigation, IAAI (CFITrainer.net) 2019
Critical Evaluation and Testing of Commonly Reported Accidental Causes, IAAI (CFITrainer.net)
2019
Digital Photography and the Fire Investigator, IAAI (CFITrainer.net) 2019
DNA, IAAI (CFITrainer.net) 2019
Fire Flow Analysis, IAAI (CFITrainer.net) 2019
Fundamentals of Residential Building Construction, IAAI (CFITrainer.net) 2019
Introduction to Youth-Set Fires, IAAI (CFITrainer.net) 2019
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, IAAI (CFITrainer.net)
2019
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, IAAI (CFITrainer.net)
2019
NFPA 921 and 1033 2014 Editions: Important Revisions, IAAI (CFITrainer.net) 2019
Residential Electrical Systems, IAAI (CFITrainer.net) 2019
Residential Natural Gas Systems, IAAI (CFITrainer.net) 2019
The HAZWOPER Standard, IAAI (CFITrainer.net) 2019
The Potential Value of Electronic Evidence in Fire Investigations, IAAI (CFITrainer.net) 2019
Thermometry, Heat, and Heat Transfer, IAAI (CFITrainer.net) 2019
Understanding Fire Through the Candle Experiments, IAAI (CFITrainer.net) 2019
Understanding the Fire Investigator's Job: A Guide for Non-Investigators, IAAI (CFITrainer.net)
2019
Understanding Undetermined, IAAI (CFITrainer.net) 2019
Wildland Fires Investigation, IAAI (CFITrainer.net) 2018
What the Insurance Professional Needs to Know About Fire Investigation, IAAI (CFITrainer.net)
2018
Legal Aspects of Investigating Youth-Set Fires, IAAI (CFITrainer.net) 2018
Investigating Natural Gas Systems, IAAI (CFITrainer.net) 2018
Fire Investigation for Fire Officers, IAAI (CFITrainer.net) 2018
Electrical Safety, IAAI (CFITrainer.net) 2018
Basic Electricity, IAAI (CFITrainer.net) 2018
International Association of Arson Investigators Annual Training Conference, Frisco, Texas, 2018
Accreditation, Certification, and Certificates, IAAI (CFITrainer.net) 2017

Charleston Sofa Super Store Fire, IAAI (CFITrainer.net) 2017
Discovery in Civil Cases, IAAI (CFITrainer.net) 2017
Discovery in Criminal Cases, IAAI (CFITrainer.net) 2017
Ethical Duties Beyond the Fire Scene, IAAI (CFITrainer.net) 2017
Ethics and the Fire Investigator, IAAI (CFITrainer.net) 2017
Fire Chemistry, IAAI (CFITrainer.net) 2017
Fire Protection Systems, IAAI (CFITrainer.net) 2017
How First Responders Impact the Fire Investigation, IAAI (CFITrainer.net) 2017
Managing Complex Fire Scene Investigations, IAAI (CFITrainer.net) 2017
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, IAAI (CFITrainer.net) 2017
Physical Evidence at the Fire Scene, IAAI (CFITrainer.net) 2017
Search and Seizure, IAAI (CFITrainer.net) 2017
The Impact of Ventilation in Building Structures on Fire Development, IAAI (CFITrainer.net) 2017
Fire Plans Examiner Training Seminar, National Fire Protection Association, Westbrook, Maine, 2017
FPE S523 Water-based Fire Suppression, California Polytechnic State University, 2016
Fire Inspector 1 Training Seminar, National Fire Protection Association, Quincy, Massachusetts, 2016
Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, IAAI (CFITrainer.net) 2016
International Association of Arson Investigators Annual Training Conference, Orlando, Florida, 2016
FPE S521 Egress Analysis and Design, California Polytechnic State University, 2015
FSE 495 Fire & Explosion Case Preparation, Eastern Kentucky University, 2015
FSE 221 Fire Protection Systems, Eastern Kentucky University, 2015
Writing the Initial Origin and Cause Report, IAAI (CFITrainer.net) 2015
Using Resources to Validate your Hypothesis, IAAI (CFITrainer.net) 2015
The Deposition Part 2: Questioning Tactics and Effective Responses, IAAI (CFITrainer.net) 2015
The Deposition Part 1: Format, Content, and Preparation, IAAI (CFITrainer.net) 2015
An Analysis of The Station Nightclub Fire, IAAI (CFITrainer.net) 2015
Society of Fire Protection Engineers Conference and Expo, Philadelphia, Pennsylvania, 2015
National Association of Fire Investigators Training Program, Dallas, Texas, 2015
FSE 380 Fire & Explosion Scene Analysis, Eastern Kentucky University, 2014
FSE 450 Advance Explosion/Bombing Investigation, Eastern Kentucky University, 2014
FSE 355 Fire Dynamics, Eastern Kentucky University, 2014
FSE 225 Legal Aspects of Fire Protection and Safety, Eastern Kentucky University, 2014
FSE 330 Principles of Criminal Investigation, Eastern Kentucky University, 2014
Evidence Examination: What Happens at the Lab? IAAI (CFITrainer.net) 2014
Fire Investigator Scene Safety, IAAI (CFITrainer.net) 2014
Insurance and the Fire Investigation, IAAI (CFITrainer.net) 2014
Preparation for the Marine Fire Scene, IAAI (CFITrainer.net) 2014
Process of Elimination, IAAI (CFITrainer.net) 2014
Vacant and Abandoned Buildings: Hazards and Solutions, IAAI (CFITrainer.net) 2014
National Association of Fire Investigators Training Program, Richmond, Kentucky, 2014
FSE 370 Systems and Failure Analysis, Eastern Kentucky University, 2013
FSE 350 Fire & Explosions Investigation, Eastern Kentucky University, 2013
FSE 260 Proving Criminal Acts, Eastern Kentucky University, 2013
The Scientific Method for Fire and Explosion Investigation, IAAI (CFITrainer.net) 2013
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, (CFITrainer.net) 2013

The Fire Investigator & the 2011 NFPA 921 Changes, IAAI (CFITrainer.net) 2013
Postflashover Fires, IAAI (CFITrainer.net) 2013
NFPA 1033 and Your Career, IAAI (CFITrainer.net) 2013
MagneTek: A Case Study in The Daubert Challenge, IAAI (CFITrainer.net) 2013
Investigating Motor Vehicle Fires, IAAI (CFITrainer.net) 2013
Investigating Fatal Fires, IAAI (CFITrainer.net) 2013
Introduction to Fire Dynamics and Modeling, IAAI (CFITrainer.net) 2013
Introduction to Evidence, IAAI (CFITrainer.net) 2013
Fundamentals of Interviewing, IAAI (CFITrainer.net) 2013
Explosion Dynamics, IAAI (CFITrainer.net) 2013
Ethics & Social Media, IAAI (CFITrainer.net) 2013
Effective Investigation and Testimony, IAAI (CFITrainer.net) 2013
Documenting the Event, IAAI (CFITrainer.net) 2013
Critical Thinking Solves Cases, IAAI (CFITrainer.net) 2013
Communicating the Value of Membership in the IAAI, IAAI (CFITrainer.net) 2013
Arc Mapping Basics, IAAI (CFITrainer.net) 2013
Vehicle Fire Investigation Seminar, National Association of Fire Investigators, Lexington, Kentucky, 2013
FSE 120 Fire Behavior & Combustion, Eastern Kentucky University, 2012
National Association of Fire Investigators Training Program, Newport Beach, California. 2011
FSE 360 Fire Protection Hydraulics & Water Supply, Capital Community College, 2003
FSE 322 Fire Protection Structure & Systems Design, Capital Community College, 2003
FSE 250 Introduction to Fire Arson & Explosion Investigation, Capital Community College, 2003
FSE 101 Fire Prevention, Capital Community College, 2003
FSE 100 Introduction to Fire Technology, Capital Community College, 2003

Affiliations:

International Association of Arson Investigators (IAAI)
International Association of Arson Investigators, Washington State Chapter #21
International Association of Arson Investigators, Oregon State Chapter #31
International Association of Fire Investigators (IAFI)
National Association of Fire Investigators (NAFI)
The American Boat and Yacht Council (ABYC)
International Association of Marine Investigators (IAMI)
The Caribbean Association of Forensic Sciences (CAFS)

Presentations:

Forensic Science Conference, Caribbean Association of Forensic Sciences, Kingston, Jamaica, 2024. ***Conducting and Understanding the Need for Proper Fire Investigation.***