

### Professional Summary:

Mr. Augustin has more than six years of experience in the fire service and fire investigation. He has participated in over 50 fire scene investigations including internationally.

#### Areas of Expertise:

- Fire Origin and Cause
- Vehicle Origin and Cause

### Licenses and Certifications:

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

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

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

### 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), Fire Investigator, 2020 - Present  
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:

Electric & 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  
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)