

CURRICULUM VITAE

KENDALL BIGGS, IAAI-CFI(V), CI, CVFI, SENIOR FIRE INVESTIGATOR

Professional Summary:

Mr. Biggs retired in 2016 with over 26 years of law enforcement experience, his last 20 years investigating major crimes. Mr. Biggs served as a volunteer fire fighter and EMT for 17 years in a combination department, rising to the rank of Station Captain and Supervised the county-wide fire investigation team for 10 years. Mr. Biggs has been investigating fires since 1997 and has extensive experience in origin and cause, scene analysis, report writing, evidence identification, collection and packaging, photography, and multi-agency coordination. Mr. Biggs has been an adjunct instructor at the collegiate level teaching fire investigation classes as part of a Fire Science program. In addition, Mr. Biggs is a regular facilitator of the IAAI Expert Witness Courtroom Testimony class as well as the IAAI Fundamentals of Fire Investigation class. Mr. Biggs currently serves as a Senior Fire Investigator for Talbott Associates, Inc.

- Fire Origin and Cause
- Vehicle Origin and Cause
- Complex Scene Analysis
- Coordination and management of multi-agency loss incidents
- Case file review
- Evidence identification, collection, and processing
- Fire Investigation Training
- Interview/Interrogation
- Wildfire Origin and Cause Determination

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, 21-050640
Certified Fire Investigations Instructor, International Association of Arson Investigators
Certified Motor Vehicle Fire Investigator, International Association of Arson Investigators
Certified Fire and Explosion Investigator, National Association of Fire Investigators, 20321-11487
Certified Vehicle Fire Investigator, National Association of Fire Investigators, 20321-11487iv
Certified Fire Investigation Instructor, National Association of Fire Investigators, 20321-11487i
Certified Fire Investigator, International Fire Service Accreditation Congress, 1893964
Fire Instructor I, International Fire Service Accreditation Congress, 2042032
Licensed Private Investigator, State of Oregon, 76840
Licensed Private Investigator, State of Washington, 4775

Project Experience:

Nexgen/Pacific Pride Fuel Depot and Storage Facility, Medford, OR

Large Loss Commercial

Lead Investigator in multi-million-dollar loss involving a fuel storage and dispensing depot that included a two-story warehouse, office, four above ground storage tanks and several fuel tanker trucks. The fire burned an additional five businesses. An arrest and charges were filed against the suspect, for intentionally starting the fire.

Wilco Grain Storage Facility, Mt. Angel, OR

Large Loss Agriculture

Lead Investigator in multi-million-dollar loss involving two grain elevators and multiple, large commercial buildings. Several single and multi-party exams conducted with evidence collection and specialized equipment procured, that is not often used in fire investigations. Extensive work with other investigators and public parties.

Salem Civic Center, Salem, OR

Large Loss Commercial

Lead Investigator in million-dollar loss involving a private community civic center. Multiple site exams were completed. A party responsible was identified and the completed work resulted in partial recovery for the client.

Multi-Use Business, Portland, OR

Commercial Building Fire

Lead Investigator in a 6100 sq ft. large loss commercial business. Multiple investigators, engineers and law firms were represented. Mr. Biggs committed to the area of origin, potential ignition source and fire spread, knowing the video of the fire would be available in one week. Video confirmed the origin of the fire and ignition source within eighteen inches as well as the development and spread of the fire.

Professional Experience:

EFI Global, District Service Line Principal-Fire, 2023 - 2026

EFI Global, Senior Fire Investigator / Team Lead, 2020 - 2023

EFI Global, Senior Fire Investigator, 2018 - 2020

EFI Global / Unified Investigations, Fire Investigator, 2016 – 2018

Clatsop Community College, Adjunct Instructor, 2016 – 2020

Pacific County Sheriff's Office, Deputy, 1997 – 2016

Pacific County Fire District 1, Station Captain, 1999 – 2016

Wapato Police Department, Patrolman, 1989-1997

Specialized Education:

International Association of Arson Investigators, IAAI-CFITrainer.net, Commercial Kitchen Fires 1, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Fatal Fires: Investigation, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Fire Effects 2, 2026

Specialized Education (Continued)

International Association of Arson Investigators, IAAI-CFITrainer.net, Introduction to Appliances, 2026

International Association of Arson Investigators, IAAI-CFITrainers.net, Fatal Fires: Fire Effects on the Body, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Discovery in Criminal Cases, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Fire Dynamics in the Wildland, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Fire Effects 1, 2026

International Association of Arson Investigators, IAAI-CFITrainer.net, Commercial Kitchen Fires 2, 2026

Alaska Association of Fire & Arson Investigators, Ketchikan, AK, 40hrs, 2026

IAAI Chapter 31 Annual Training Seminar, Newport, OR, 24hrs, 2025

IAAI/Northwest Fire Investigators Fundamentals-Instructor, Leavenworth, WA, 40hrs, 2025

International Association of Arson investigators, IAAI- CFITrainer.net, Ethics and the Fire Investigator-Refresher, 2024

IAAI Chapter 31 Annual Training Seminar, Pendleton, OR, 24hrs, 2024

IAAI Chapter 31 Annual Training Seminar, Newport, OR, 24hrs, 2023

IAAI Motor Vehicle Fire Investigation, Salem, OR, 24hrs, 2023

IAAI Knowledge 1 Motor Vehicle Fires Tier 1, Salem, OR, 8hrs, 2023

IAAI Chapter 26 Annual Training Seminar, Billings, MT, 20hrs, 2023

IAAI Chapter 31 Annual Training Seminar, Newport, OR, 24hrs, 2022

IAAI Chapter 31 Annual Training Seminar, Newport, OR, 24hrs, 2021

NWCG FI-210 Wildfire Origin and Cause Determination, Bend, OR 2021

International Association of Arson Investigators, IAAI- CFITrainer.net, Lithium-Ion Battery Fires, 2021

PBS Engineering Class III Asbestos Operations, Portland, OR 2021

Leadership, Education and Development Program, Sedgwick University, Salem OR, 2020

Principles of Fire Investigation Multi-Program (67 hrs.), IAAI, Salem OR, 2020

PBS Engineering Class III Asbestos Operations, Portland, OR 2020

Fire Investigation for Fire Officers Multi-Program (35 hrs. with concentration in motor vehicle fires), IAAI, Salem, OR, 2020

NWCG S-290 Intermediate Wildland Fire Behavior, Salem, OR, 2020

International Association of Arson Investigators, IAAI- CFITrainer.net, Fire Flow Analysis, 2020

International Association of Arson Investigators, IAAI- CFITrainer.net, Writing the Initial Origin and Cause Report, 2020

International Association of Arson Investigators, IAAI- CFITrainer.net, Critical Evaluation of Common Accidental Causes, 2020

International Association of Arson Investigators, IAAI- CFITrainer.net, Fire Investigation for Fire Officers, 2020

International Association of Arson Investigators, IAAI- CFITrainer.net, How First Responders Impact the Fire Investigation, 2020

NWCG FI-210 Wildland Fire Origin and Cause Pre-course assessment 2014, Salem, OR, 2019

NWCG Investigating Railroad Caused Fires, Salem, OR 2019

NWCG S-190 Introduction to Wildland Fire Behavior 2008, Salem, OR, 2019

International Association of Arson Investigators, IAAI- CFITrainer.net, Charting your Career Path in Fire Investigations, 2019

Specialized Education (Continued)

International Association of Arson Investigators, IAAI- CFITrainer.net, Understanding Undetermined, 2019

Homemade Explosives – Awareness, Recognition and Response, Mobile Program, NM Tech, 2019

NWCG-S110, Basic Wildland Fire Orientation 2014, NWCG, 2019

Vehicle Fire, Arson & Explosion Investigation, National Association of Fire Investigators, 2018

Ethical Duties Beyond the Fire Scene, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2018

Essentials of NFPA 1033, Unified Investigations, 2017

Class III Asbestos Operations and Maintenance, PBS Engineering and Environmental, 2017

The Deposition Part I: Format, Content, Preparation, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

The Deposition Part II: Questioning and Response, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Discovery in Civil Cases, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Insurance and the Fire Investigator, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Wildland Fire Investigation, International Association of Fire Investigators (IAAI) – CFITrainer.net, 2017

Motor Vehicles: Engine, Ignition, Electrical and Fuel Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Using Resources to Validate your Hypothesis, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Motor Vehicles: Transmission, Exhaust, Brake and Acc. Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Explosion Dynamics, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Electrical Safety, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Residential Electrical Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2017

Residential Natural Gas Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2016

The Impact of Ventilation in Building Structures on Fire Development, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2016

Forensic Investigation, Unified Investigations, 2016

Electrical Systems and Appliance Failures, International Association of Arson Investigators, 2016

Investigating Natural Gas Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2016

Process of Elimination, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2015

Arc Mapping Basics, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2015

Basic Electricity, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2015

Post Flashover Fires, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2015

Interview & Interrogation/Courtroom Testimony, National Fire Academy, 2015

Specialized Education (Continued)

Effective Investigation and Testimony, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2015

Fundamentals of Interviewing, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2014

Magnetek A Case Study in the Daubert Challenge, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2014

Critical Thinking Solves Cases, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2014

Fire Arson Origin and Cause Investigations, National Fire Academy, 2014

IFSAC Fire Instructor I, Washington State Patrol, 2014

Hazardous Materials Awareness, Washington State Fire Marshal's Office, 2014

IS-700a, Federal Emergency Management Agency, 2014

Fire Investigation I, Q. Global, 2013

Ethics and the Fire Investigator, International Association of Fire Investigators (IAAI) – CFITrainer.net, 2013

The Practical Application of NFPA 1033 and NFPA 921, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2013

Fire Protection Systems, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2013

NFPA 1033 and Your Career, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2013

Managing Complex Fire Scene Investigations, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Fundamentals of Residential Building Construction, International Association of Arson Investigators, 2012

Investigating Fatal Fires, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Fire and Explosion Investigations Utilizing NFPA 1033 and NFPA 921, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Search and Seizure, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Introduction to Fire Dynamics and Modeling, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Investigating Motor Vehicle Fires, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Documenting the Event, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Physical Evidence at the Fire Scene, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Introduction to Evidence, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

The Scientific Method for Fire and Explosion Investigation, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Fire Investigation Scene Safety, International Association of Arson Investigators (IAAI) – CFITrainer.net, 2012

Incident Command System 300, Washington State Emergency Management, 2010

Affiliations:

International Association of Arson Investigators
National Association of Fire Investigators
International Association of Arson Investigators-Washington Chapter
International Association of Arson Investigators, Oregon Chapter
Northwest Fire Investigators Association
Oregon Casualty Adjusters Association

Courses Instructed/ Guest Lecturer:

Evidence Identification, Collection and Packaging
Fire Debris Sample Collection
Fire Scene Photography, Diagraming and Sketching
Basic Fire Investigator: Principles and Practices to NFPA 921 and 1033 Fourth Edition-Clatsop Community College.
IAAI-Expert Witness Courtroom Testimony 2021-Present
IAAI-NW Fire Investigators Association Annual State Conference, 40-hour Fundamentals of Fire Investigation 2023-Present

Honors and Awards:

Sedgwick Quarterly Recognition Award, Properties America's, April 2022
Sedgwick Quarterly Recognition Award, Vericclaim/EFI/CJW, August 2020
Firefighter of the Year, Pacific County Board of County Commissioners, 2008
American Legion Post No. 48, Derald D Robertson Safety Award, 2008
Letter of Commendation, State Representative 19th District, Dean Takko, 2008
Letter of Commendation, State Senator 19th District, Brian Hatfield, 2008
Letter of Commendation, State Representative 19th District, Brian Blake, 2008
Firefighter/EMT of the Year, Pacific County Fire District 1, 2008