



# CURRICULUM VITAE

## JAMES S. BEEM, IAAI-CFI-ECT, NAFI-CFEI

### EXPERIENCE

#### **Fire Investigator**

Fire Cause Analysis

2018 – Current

#### **Fire Captain, Arson Investigator, Terrorism Liaison Officer – Coordinator**

Mt Shasta Fire Protection District, Siskiyou County Arson Team

2011 – Current

#### **Adjunct Instructor**

College of the Siskiyou's

2017 - Current

#### **Code Enforcement Officer**

Siskiyou County Community Development Department

2015

#### **Board Director**

Mt Shasta Fire Protection District

2014 - 2018

#### **Forestry Aide Defensible Space Inspector**

Cal Fire Siskiyou Unit

2014

#### **President**

Mt Shasta Area Fire Safe Council

2012 - 2018

#### **Firefighter / Paramedic**

San Francisco Fire Department

1990 – 2013 Retired

• Worked in Support Services – Special Operations – 911 Communication Supervisor – Liaison Officer with San Francisco Police - EMS Paramedic Instructor - Firefighter Instructor - Bureau of Fire Prevention - Fire Suppression – Homeland Security – Emergency Medical Paramedic – Working with Cal-OSHA, NIOSH, Secret Service, FBI, ATF, Coast Guard, US Army, US Navy, Bay Area Counties EOC's

**FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING**

**ANSWERS FROM ASHES™**

**Serving Clients Nationwide - Offices:**

California - Arizona - Nevada - Oregon - Washington - Idaho - N. Dakota - S. Dakota - Minnesota

**Corporate Office**

935 Pardee St

Berkeley, CA 94710

800.726.5939

**[www.fcfire.com](http://www.fcfire.com)**

**Fire Engineer**

Riverside County Fire Department – Cathedral City, CA	1985 – 1990
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**Firefighter**

Big Bear City Fire Department – Big Bear City, CA	1983 – 1985
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**Paramedic**

Department of Public Health – San Francisco, CA	1981 – 1983
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**EDUCATION****Associates of Science in Fire Emergency Response**

College of the Siskiyou's	2014
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**PROFESSIONAL CERTIFICATIONS**

Certified Fire Investigator (Pro Board Certified)	IAAI #22-0521105	2018
Certified Evidence Collection Technician	IAAI #552	2018
Certified Fire Investigator II	OSFM #1001-3472	2018
Certified Remote (Drone) Pilot	DOT * FAA #3964040	2017
Certified Fire and Explosion Investigator	NAFI #22534-12873	2017
Certified Fire Code Inspector	NCSA #CFC0443.13	2016
Certified Fire Prevention Officer	OSFM #160-7061	2013
Certified Fire Officer	OSFM #150-7061	2012
Certified Fire Investigator I	OSFM #130-7061	2013
Certified Fire Apparatus Driver/Operator	OSFM #110-7061	2012
Certified Fire Fighter II	OSFM #2353612	2012
Certified Fire Fighter I	OSFM #013698	1987
Certified Emergency Medical Technician	EMSA #E110662	1973
Certified Mobile Intensive Care Paramedic	EMSA #P07838	1975
Certified PC 832 - Arrest and Firearms	POST #4650-80100-13-001	2013
Certified Occupational Hearing Conservationist	CAOHC #478791	2013
Certified Spirometry Training and Respiratory	NIOSH #011613-02	2013

**PROFESSIONAL MEMBERSHIPS**

International Association of Arson Investigators - IAAI	2012 - 2021
National Association of Fire Investigators - NAFI	2017 - 2021
California Conference of Arson Investigators - CCAI	2012 - 2021
National Code Services Association - NCS	2016 - 2018
Central California Intelligence Center - CCIC	2018 - 2021
Northern California Regional Intelligence Center - NCRIC	2018 - 2021
International Code Conference - ICC	2015

**SPECIALIZED TRAINING** only going back 10 years

IAAI CFI Trainer.net Principles of Fire Investigation (67 tested hours)	2020
IAAI CFI Trainer.net Fire Investigation for Fire Officers (41 tested hours)	2020
IAAI CFI Trainer.net (12 tested hours)	2020
CCAI, Fire Deaths, Solar Fires, Photography (28 tested hours)	2018
IAAI CFI Trainer.net (44 tested hours)	2018
NFA Fire Investigation: Electrical Systems	2018
Terrorism Liaison Officer - Central California Intelligence Center	2018
Arson, Fire, & Explosives Investigations – HIDTA, NCRIC	2018
NFA Fire Investigation: Forensic Evidence	2018
Homemade Explosives & Improvised Explosive Devices - ATF	2017
NFA Fire Investigation: Interview and Testimony	2017
IAAI CFI Trainer.net (34 tested hours)	2017
The Drone Academy COS	2017
California Fire Code Overview	2016
Fire Prevention 3A Hydraulic Sprinkler Calculations	2016
IAAI CFI Trainer.net (102 tested hours)	2016
FEMA Professional Development Series	2015
CJIS Security Test	2015
OSFM Fire Prevention 3B- Plans Review	2015
OSFM Fire Instructor 2B- Group Dynamics and Problem Solving	2015
OSFM Fire Inspector 2A- Fire Prevention Administration	2015
OSFM Fire Inspector 2B- Fire and Life Safety Requirements	2015
OSFM Fire Inspector 2C- Inspecting Fire and Life Safety Systems	2015
OSFM Fire Inspector 2D- Hazardous Materials, Operations	2015
FEMA Youth Firesetter Prevention and Intervention Level II	2015
FEMA Youth Firesetter Prevention and Intervention Level I	2015
Identifying & Examining Youth Firesetters & Bomb-Makers	2015
OSFM Fire Investigation 2A- Criminal and Legal Procedures	2015
OSFM Fire Investigation 2B- Field Case Studies	2015
OSFM Fire Instructor 2B Group Dynamics and Problem Solving	2015
RT-130 Wildland Fire Safety Refresher	2014
S-290 Intermediate Fire Behavior	2014
FI-110 Wildland Fire Observations & Origin Scene Protection	2014
FI-210 Origin and Determination	2014
FSTEP S-234 Ignition Operations	2014
Investigating Railroad Caused Wildfires	2014
IAAI Fire Investigation Technician (FIT)	2013
Respiratory Protection and Fit Testing	2013
IAAI CFI Trainer.net (81 credit hours)	2013
OSFM Fire Management 2E- Ethics and the Challenge of Leadership	2012
OSFM Training Instructor 1B	2012
OSFM Training Instructor 1C	2012

FSTEP S-404 Safety Officer	2012
ICS – 300	2012
OSFM Fire Command 2A- Command Tactics at Major Fires	2012
OSFM Fire Management 1	2011
OSFM Training Instructor 1A	2011
S-190 Intro to Wildland Fire Behavior	2011
ICS – 100 and 200	2011
Terrorism Consequence Management	2004
Respiratory Protection & Fit Tester University of Cincinnati	2004
OSFM Fire Instructor 1A	2003

## IAAI CFI TRAINER.NET

Accreditation, Certification, and Certificates, Tested 3 hrs	2016
An Analysis of the Station Nightclub Fire, Tested 4 hrs	2013
Arc Mapping Basics, Tested 4 hrs	2013, 2018
Basic Electricity, Tested 4 hrs	2016, 2018
Charleston Sofa Super Store Fire, Tested 4 hrs	2016
Charting Your Career Path In Fire Investigation, Tested 3 hrs	2020
Critical Evaluation and Testing of Commonly Reported Accidental Causes, Tested 3 hrs	2020
Critical Thinking Solves Cases, Tested 4 hrs	2016, 2017
Digital Photography and the Fire Investigator, Tested 4 hrs	2013, 2018
Discovery in Civil Cases, Tested 3 hrs	2018
Discovery in Criminal Cases, Tested 3 hrs	2017
DNA, Tested 3 hrs	2016, 2018
Documenting the Event, Tested 4 hrs	2013, 2018
Effective Investigation and Testimony, Tested 3 hrs	2016, 2017
Electrical Safety, Tested 3 hrs	2013, 2018
Ethical Duties Beyond the Fire Scene, Tested 3 hrs	2017
Ethics and Social Media, Tested 3 hrs	2016
Ethics and the Fire Investigator, Tested 3 hrs	2013, 2017
Evidence Examination: What Happens at the Lab? Tested 4 hrs	2016, 2018
Explosion Dynamics, Tested 4 hrs	2013
Fire Chemistry, Tested 3 hrs	2018
Fire Dynamics Calculations – Version 2.0 Tested 4 hrs	2013
Fire Flow Analysis, Tested 3 hrs	2020
Fire Investigation for Fire Officers, 3 hrs	2020
Fire Investigator Scene Safety, Tested 3 hrs	2013
Fire Protection Systems, Tested 3 hrs	2013
Fundamentals of Interviewing, Tested 4 hrs	2016, 2017
Fundamentals of Residential Building Construction, Tested 3 hrs	2013
How First Responders Impact Fire Investigation -Tested 2 hrs	2013
IAAI-FIT Test, Tested	2013

Insurance and the Fire Investigation, Tested 4 hrs		2016
Introduction to Appliances, Tested 3 hrs		2020
Introduction to Evidence, Tested 4 hrs	2013,	2018
Introduction to Fire Dynamics and Modeling, Tested 4 hrs		2013
Introduction to Youth Set Fires, Tested 3 hrs		2016
Investigating Fatal Fires, Tested 4 hrs		2013
Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, Tested 3 hrs		2016
Investigating Motor Vehicle Fires, Tested 4 hrs		2013
Investigating Natural Gas Systems, Tested 3 hrs		2016
Legal Aspects of Investigating Youth-Set Fires, Tested 3 hrs		2016
MagneTek: A Case Study In The Daubert Challenge, Tested 2 hrs	2016,	2017
Managing Complex Fire Scene Investigations, Tested 4 hrs		2016
Motive, Means and Opportunity: Determining Responsibility in an Arson Case, Tested 4 hrs		2016
Motor Vehicle: The Engine and the Ignition, Electrical, and Fuel Systems Fires, Tested 3 hrs		2017
Motor Vehicle: Transmission, Exhaust, Brake, and Accessory Systems, Tested 3 hrs		2017
NFPA 1033 and Your Career, Tested 2 hrs	2013,	2018
NFPA 921 & 1033 2014 Editions: Important Revisions, Tested 3 hrs		2016
Physical Evidence at the Fire Scene, Tested 4 hrs	2013,	2018
Post Flashover Fires, Tested 4 hrs		2013
Preparation for the Marine Fire Scene, Tested 4 hrs		2016
Process of Elimination, Tested 3 hrs		2016
Residential Electrical Systems, Tested 4 hrs		2016
Residential Natural Gas Systems, Tested 3 hrs		2016
Search and Seizure, Tested 4 hrs		2016
The Deposition Part 1: Format, Content, and Preparation, Tested 3 hrs		2016
The Deposition Part 2: Questioning Tactics and Effective Responses, Tested 3 hrs		2016
The HAZWOPER Standard, Tested 4 hrs		2016
The Impact of Ventilation in Building Structures on Fire Development, Tested 4 hrs		2012
The Potential Value of Electronic Evidence in Fire Investigations, Tested 4 hrs		2016
The Practical Application of the Relationship NFPA 1033 and NFPA 921, Tested 2 hrs	2013,	2018
The Scientific Method for Fire and Explosion Investigation, Tested 3 hrs	2013,	2018
Thermometry, Heat, and Heat Transfer, Tested 3 hrs		2017
Understanding Fire through the Candle Experiments, Tested 4 hrs		2013
Understanding Undetermined, Tested 3 hrs		2019
Understanding the Fire Investigator's Job: A Guide for Non-Investigators, Tested 3 hrs		2017

Understanding Undetermined, Tested 3 hrs	2019
Using Resources to Validate your Hypothesis, Tested 2 hrs	2016
Vacant and Abandoned Buildings: Hazards and Solutions, Tested 4 hrs	2016
What the Insurance Professional Needs to Know About Fire Investigation, Tested 3 hrs	2017
Wildland Fires Investigation, Tested 5 hrs	2013
Writing the Initial Origin and Cause Report, Tested 3 hrs	2016