

**CURRICULUM VITAE**

**JIM BEEM**

**IAAI-CFI-ECT, NAFI-CFEI**

**Professional Experience**

<b>Fire Investigator</b> Fire Cause Analysis	2018 – Current
<b>Fire Captain, Arson Investigator, Terrorism Liaison Officer – Coordinator</b> Mt Shasta Fire Protection District, Siskiyou County Arson Team	2011 – Current
<b>Adjunct Instructor</b> College of the Siskiyou's	2017 - Current
<b>Code Enforcement Officer</b> Siskiyou County Community Development Department	2015
<b>Board Director</b> Mt Shasta Fire Protection District	2014 - 2018
<b>Forestry Aide Defensible Space Inspector</b> Cal Fire Siskiyou Unit	2014
<b>President</b> Mt Shasta Area Fire Safe Council	2012 - 2018
<b>Firefighter / Paramedic</b> San Francisco Fire Department • 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 –	1990 – 2013 Retired

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

**ANSWERS FROM ASHES™**

**Serving Clients Nationwide**

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Working with Cal-OSHA, NIOSH, Secret Service, FBI, ATF, Coast Guard, US Army, US Navy, Bay Area Counties EOC's

**Fire Engineer**

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

**Firefighter**

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

**Paramedic**

Department of Public Health – San Francisco, CA 1981 – 1983

**Education**

**Associates of Science in Fire Emergency Response**

College of the Siskiyou's 2014

**Professional Certifications**

- Certified Infrared Thermographer Level I ITC # 138300782 2022
- 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 Associations**

- International Association of Arson Investigators - IAAI 2012 - 2023
- National Association of Fire Investigators - NAFI 2017 - 2023
- California Conference of Arson Investigators - CCAI 2012 - 2022
- National Code Services Association - NCS 2016 - 2018
- Central California Intelligence Center - CCIC 2018 - 2023
- Northern California Regional Intelligence Center - NCRIC 2018 - 2023
- International Code Conference - ICC 2015

## **Professional Development**

SLOFIST Forensic Fire Death Investigation (40 tested hours)	2022
IAAI CFI Trainer.net (14 tested hours)	2022
FAA Part 107 Small Uas Recurrent	2021
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

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