

## Joseph Bach | Fire Investigator IAAI-CFI-V, CFEI

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### Professional Summary:

Mr. Bach retired from the Brigham City Fire Department in March 2020. He served as the Fire Chief for six years. Prior service included 20 plus years with Logan City Fire Department, where he worked through the ranks and served as the lead fire investigator for 15 years. He earned his bachelor's degree in Emergency Services Administration and Associates degree in Fire Science at the Utah Valley University. Joseph has been an adjunct instructor with Utah Valley University for the past four years teaching hands on fire investigation classes.

### Licenses and Certifications:

Certified Fire Investigator (IAAI-CFI), International Association of Arson Investigators, certification number 50-030202  
Certified Vehicle Fire Investigator (IAAI-CFI-V), International Association of Arson Investigators, certification number 50-030202  
Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators, Certification number 13274-6640  
National Board on Fire Service Professional Qualifications Certified Fire Investigator, NFPA 1033-2006 Certificate number 296860  
Investigator I – Certification, Utah Fire Service Council, Certification number 1194491  
Firefighter II – Certification, Utah Fire Service Council, Certification number 192234  
Fire Officer I – Certification, Utah Fire Service Council, Certification number 532112  
Fire Inspector I, - Certification, Utah Fire Service Council  
Instructor I/II – Certification, Utah Fire Service Council, Certification number 409291  
Wildland Firefighter I – Certification, Utah Fire Service Council, Certification number 463447

### Project Experience:

Mr. Bach has conducted more than 450 fire investigations, including 20 wildland fires, 90 vehicle fires and more than 250 structure fires.

### Court Qualifications/ Depositions:

Litigation CV available upon request.

### Professional Experience:

EFI Global, Inc., Fire Investigator, 2019-Present  
Brigham City Fire Department, Fire Chief, 2014-2020  
Unified Investigations and Sciences, Inc., Special Investigator, 2011-2014  
Logan City Fire Department, Fire Captain/Lead Fire Investigator, 1994-2014

### Specialized Education:

Documenting the Event, CFITrainer.net, March 8, 2023, 4 Hours - TESTED  
Live Event – Investigation a Fire Fatality, CFITrainer.net, February 24, 2023, 2 Hours – TESTED  
The Deposition Part 1: Format, Content and Preparation, CFITrainer.net, February 24, 2023, 3 Hours- TESTED  
The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net, February 27, 2023, 3 Hours – TESTED  
Utah Chapter, International Association of Arson Investigators, Annual Training Conference, March 7, 2022, 20 Hours – TESTED  
Fire, Arson, & Explosion Investigation Training Program, NAFI, July 26-29,2021, 28 Hours-TESTED  
Motor Vehicle Fire Investigation, ID-IAAI, November 2018 20 Hours – TESTED  
Investigating Motor Vehicle Fires, CFITrainer.net, November 2018 4 Hours – TESTED  
Knowledge 1 Motor Vehicle Fires Tier 1, CFITrainer.net, November 2018 8 Hours – TESTED  
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, CFITrainer.net, November 2018 3 Hours – TESTED  
Motor Vehicles: The Engine and the Ignition, Electrical and Fuel System, CFITrainer.net, November 2018 3 Hours – TESTED  
Utah Chapter, International Association of Arson Investigators, Ventilation Effects, February 2017 16 Hours - TESTED  
Utah Chapter, International Association of Arson Investigators, NFPA 921/1033, February 2015 20 Hours – TESTED  
Utah Chapter, International Association of Arson Investigators, Burn to Learn, February 2015 20 Hours – TESTED  
Utah Chapter, International Association of Arson Investigators, Randy Watson-NFPA 921/1033, 2015  
Utah Chapter, International Association of Arson Investigators, Ventilation Effects, February 2014 20 Hours – TESTED  
Practical Application of the Relationship between NFPA 1033 and NFPA 921, CFITrainer.net, June 2014 2 Hours – TESTED  
NFPA 921 and 1033 2014 Editions, CFITrainer.net, June 2014 3 Hours – TESTED  
Using Resources to Validate your Hypothesis, CFITrainer.net, April 2013 2 Hours – TESTED  
Digital Photography and the Fire Investigator, CFITrainer.net, August 2013 4 Hours – TESTED  
DNA, CFITrainer.net, August 2013 3 Hours – TESTED  
Effective Investigation and Testimony, CFITrainer.net, April 2013 3 Hours – TESTED  
Ethics and Social Media, CFITrainer.net, September 2013 3 Hours – TESTED  
Evidence Examination: What Happens at the Lab?, CFITrainer.net, August 2013 3 Hours – TESTED  
Fundamentals of Interviewing, CFITrainer.net, April 2013 4 Hours – TESTED  
Physical Evidence at the Fire Scene, CFITrainer.net, August 2013 4 Hours – TESTED  
Vehicle Electrical Fires/Wildland Fire Investigation, IAAI Utah Chapter Seminar, February 2011, 20 Hours – TESTED  
Photography/Propane Fires, IAAI Utah Chapter Seminar, February 2010, 20 Hours – TESTED  
Fire & Explosion Investigation, IAAI CFITrainer.net, July 2010, 4 Hours - TESTED

### Education:

Bachelor's degree in Emergency Services Administration, Utah Valley University 2014  
Associates degree in Fire Science, Utah Valley University 2002

**Affiliations:**

International Association of Arson Investigators (IAAI)  
National Association of Fire Investigators (NAFI)  
Utah Chapter of the International Association of Arson Investigators  
Idaho Chapter of the International Association of Arson Investigators

**Courses Instructed/ Guest Lecturer:**

Hands on Fire Investigation, Utah Fire & Rescue Academy  
Firefighter II, Utah Fire & Rescue Academy

**Instructor:**

Fire Investigator I, Utah Fire and Rescue Academy, March 2008  
Apparatus Driver Operator, Utah Fire and Rescue Academy, June 2007  
Firefighter II, Utah Fire and Rescue Academy, October 2006  
Hands on Fire Investigation, Utah Fire & Rescue Academy