

Kevin Reilly | District Fire Science Principal / Sr. Investigator, CFI, CFEI, CVFI

Front Royal, VA

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Professional Summary:

Mr. Reilly has 22 years of experience in the fire service in both New Hampshire and Colorado and retired from the fire service in 2006 at the rank of Battalion Chief. He has extensive training in fire origin and cause determination, arson investigations, juvenile fire setters, as well as being a Certified Instructor for Emergency Response to W.M.D. / Terrorism Events and Clandestine Laboratory Identification for First Responders. Mr. Reilly has experience in multiple disciplines of the fire services to include structural and wildland fire suppression, investigations, code enforcement, technical rescue, and hazardous materials technician. Mr. Reilly also instructed fire investigation courses across the country periodically for the Public Agency Training Council. Mr. Reilly is a Certified Fire Investigator through the International Association of Arson Investigators and a Certified Fire Explosion Investigator and Certified Vehicle Fire Investigator through the National Association of Fire Investigators. Areas of investigation expertise include:

- Residential and commercial structure fires and explosions
- Commercial and personal vehicle fires
- Farm equipment fires
- Wildland fires

Licenses and Certifications:

Certified Fire and Explosion Investigator; National Association of Fire Investigators
Reg. #: 7996-3229, September 2001
Certified Vehicle Fire Investigator; National Association of Fire Investigators
Reg. #: 7996-3229V, April 2006
Certified Fire Investigator; International Association of Fire Investigators
Certificate #: 41-020711, February 2012
Certified Fire Investigator; National Board on Fire Service Professional Qualifications, NFPA 1033:
2009; Certificate # 306155, February 2012
Private Investigator, District of Columbia, PD2694
Private Investigator, State of Virginia, PD2694
Private Investigator, State of Virginia, 99-409981
Private Investigator, State of Maryland, 101-24330
Private Investigator, State of Delaware, 2007215399

Professional Experience:

EFI Global, Inc. /Unified Investigations & Sciences, Inc. Baltimore, MD
Team Lead / Senior Investigator; September 2015 to Present
Unified Investigations and Sciences, Inc. Denver, CO
Field Supervisor / Senior Investigator; December 2012 to September 2015

Phoenix Investigations Inc. Denver, Colorado
Investigations Manager / Senior Investigator; 2008 to 2012
Phoenix Investigations Inc. Denver, Colorado
Senior Investigator / Part time; 2007 to 2008
Public Agency Training Council; Indianapolis, Indiana
Instructor for regionally offered classes on Fire Investigations; 2003 to 2009
Loveland Fire Rescue Department; Loveland, Colorado
Battalion Chief, Fire Inspector / Fire Investigator / EMT; 1998 - 2006
AIMS Community College; Greeley, Colorado
Part time instructor: Classes on Fire Suppression and Fire Investigations; 1999 - 2006
Hollis Fire Department; Hollis, New Hampshire
Lieutenant Fire Inspector / Investigator / EMT
Deputy Director, Town of Hollis Emergency Management
Training Officer; 1987 - 1998
Durham Fire Department Durham, New Hampshire
Firefighter / EMT 1987
Red, White & Blue Fire Department; Breckenridge, Colorado
Volunteer Firefighter / EMT 1984 – 1986

Specialized Education:

Basic Electricity, International Association of Arson Investigators (IAAI), CFI Trainer.net November 8, 2021, 4 hours (tested)
Electrical Safety, International Association of Arson Investigators (IAAI), CFI Trainer.net, November 8, 2021, 3 hours (tested)
Critical Evaluation and Testing of Commonly Reported Accidental Causes, International Association of Arson Investigators (IAAI), CFI Trainer.net, November 8, 2021, 3 hours (tested)
Fire Chemistry, International Association of Arson Investigators (IAAI), CFI Trainer.net, November 10, 2021, 3 hours (tested)
Fire Flow Analysis, International Association of Arson Investigators (IAAI), CFI Trainer.net, November 10, 2021, 3 hours (tested)
Impact of Ventilation in building structures on Fire Development International Association of Arson Investigators (IAAI), CFI Trainer.net, November 30, 2021, 4 hours (tested)
Introduction to Appliances, International Association of Arson Investigators (IAAI), CFI Trainer.net, December 13, 2021, 3 hours (tested)
Lithium-Ion Battery Fires, International Association of Arson Investigators (IAAI), CFI Trainer.net, December 13, 2021, 1 hour (tested)
Motor Vehicle Fire Investigation 2-Day, IAAI International Training Conference, (16 hours tested) 2019
Patterns of Heat Flow and Melted Conductors, IAAI International Training Conference (4 hours tested) 2019
OAHA Asbestos Awareness Training #1360, Safety Compliance Management, (2 hours tested) 2019
IAAI 2018 International Training Conference (32 hours, tested)
OSHA 8 Hour Hazardous Materials Refresher with Asbestos Awareness, April 2018 (tested)
Investigating Solid Fuel-Burning Appliance Fires, September 21-22, 2016 (tested)
OSHA 8 Hour Hazardous Materials Refresher with Asbestos Awareness, June 2014 (tested)
Unified Investigations and Sciences, Inc. Webinar – CSST Related Fires, April 2014 (untested)

Unified Investigations and Sciences, Inc., OSHA 29 CFR 1910.1200 Globally Harmonized System of Classification and Labeling of Chemicals, 2/2014 , 1 hr., (tested)
Unified Investigations & Sciences Webinar – Commercial Kitchen Fires, 2014 (untested)
IAAI Colorado Chapter District 3 Training Seminar. August 2013 (tested)
NFPA 921 and The Daubert Expert, Brian Henry, Esq., Atlanta, Georgia, 8 hrs., July 2013 (untested)
OSHA 8 Hour Hazardous Materials Refresher with Asbestos Awareness, March 2013, (tested)
International Association of Arson Investigators (IAAI) - CFITrainer.net
Physical Evidence at Fire Scenes, September 2015, 4 hrs. (tested)
Search & Seizure, August 2015, 4 hrs. (tested)
Managing Complex Fire Investigations, August 2015, 4 hrs. (tested)
Investigating Motor Vehicle Fires, August 2015, 4 hrs. (tested)
Introduction to Evidence, August 2015, 4 hrs. (tested)
Residential Natural Gas Systems, June 2015, 3 hrs. (tested)
Post Flashover Fires June 2015, 4 hrs. (tested)
A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, May 2015, 4 hours. (tested)
Ethics and the Fire Investigator, May 2015, 3 hrs. (tested)
Fire Protection Systems, May 2015, 3 hrs. (tested)
Investigating Fatal Fires, May 2015, 4 hrs. (tested)
NFPA 921 and 1033 2014 Editions: Important Revisions, May 2014, 3 hrs. (tested)
Understanding Fire Through the Candle Experiments, March 2013, 4 hrs. (tested)
Arc Mapping Basics, March 2013, 4 hrs. (tested)
Fire Investigator Scene Safety, August 2012, 3 hrs. (tested)
NFPA 1033 and Your Career, August 2012, 2 hrs. (tested)
Explosion Dynamics, September 2012, 4 hrs. (tested)
Using Resources to Validate Your Hypothesis, August 2012, 2 hrs. (tested)
Wildland Fire Investigation, June 2012, 5 hrs. (tested)
Fundamentals of Residential Building Construction, June 2010, 3 hrs. (tested)
Evidence Examination: What Happens in the Lab, June 2010, 4 hrs. (tested)
Scientific Method for Fire and Explosion Investigation, December 2008, 3 hrs. (tested)
Colorado Chapter IAAI – Annual Conference, October 2012
National Board on Fire Service Professional Qualifications: Certified Fire Investigator (NFPA 1033 - 2009), February 2012
Wildland Fire Litigation Conference (continuing education for Wildland Fire Investigations), April 2012
Wildland Fire Investigations, IRIS Investigations, August 2011, 8 hrs. (untested)
Wildland Fire Litigation Conference (continuing education for Wildland Fire Investigations), April 2011, 24 hrs. (untested)
Wildland Fire Litigation Conference (continuing education for Wildland Fire Investigations), April 2010, 24 hrs. (untested)
IAAI Expert Courtroom Testimony Program, August 2010, 40 hrs. (tested)
National Wildfire Coordinating Group: Wildland Fire Investigations: FI-210 Certification, June 2009, 8 hrs. (tested)
Incident Management Training & Response: Basic Wildland Fire Origination: FI-110 Certification, February 2009, 8 hrs. (tested)
Colorado Chapter IAAI: Latest procedures in Fire Investigations, October 2008, 16 hrs. (tested)

Education:

Associates Degree in Fire Science, NH Vocational College, Laconia, NH, June 1997

Affiliations:

International Association of Arson Investigators, member since 4/2008
National Association of Fire Investigators, member since 9/2001

Courses Instructed/ Guest Lecturer:

Unified Investigations Live Burn Classes for Adjusters(Classroom and Live Burn Cells):

Arson Techniques and Successful Investigations
Unique Fire Causes
The Nuts and Bolts of Fire Investigations
Arson for Adjusters
Meth, Marijuana & Hash Oil – Burning Down the House
Marijuana Grow Operations and Hash Oil Explosions
Structural & Vehicle Arson Investigations
NFPA 921 For Adjusters

Unified Investigations & Sciences: Webinars:

NFPA 921: Important Revisions
SPF (Spray Foam Insulation) Fires
2014 SW Colorado Fire Academy: Introduction to Fire Investigations, Pagosa Springs, CO,
Round Up Your Knowledge Conference, Cheyenne, WY – NFPA 921: Guide to Fire Explosions:
Chapter22: Incendiary Fires
OKSIU Conference: Investigators & Engineers, A Partnership in Investigations
Colorado Chapter IAAI; Public-Private Fire Investigations Interface
Webinar – Hartford Insurance: Fire Behavior and Growth
Wyoming Claims Conference: Wildland Fire Investigations
Electrical Fire Causes/Live Fire Burn: Eaton Fire Department, Eaton, CO
OKSIU Conference: NFPA 921, Introduction for Adjusters
Round up your Knowledge Conference: Cheyenne, WY - NFPA 921: Guide to Fire Explosions:
Chapter 4: Basic Methodology for fire investigations
Chapter 5: Basic Fire Science
Chapter 12: Safety Issues concerning fire investigations
Northern Colorado Fire Marshal's Assoc. NFPA 921-Guide to Fire Investigations
IAAI Colorado Chapter Annual Training Conference, Vail, Colorado: NFPA 921
Public Agency Training Council
Fire Origin & Cause
New Fire Investigator Academy: 5 Day Class
Fire Investigations: 3 Day Class
Fire / Arson Fatality Fire Scene

Publications and Presentations:

"Hash and Burn: Hash Oil Explosions and the Legalizing of Marijuana"
The Edge Digital Magazine: Sedgwick Claims Quarterly Magazine, Issue 001,2015 q2
" 'Tis the Season: Holiday Fire Hazards"
Phoenix Investigation's Ink, a Quarterly Publication for Clients, Investigators, Insurance Companies and Attorneys.

"Wildland Fire Investigations"

Phoenix Investigation's Ink

"Safety on the Fireground: Let's be Careful Out there"

Phoenix Investigation's Ink

"Looking Deeper - Are Codes Affecting Your Cause"

Phoenix Investigation's Ink

Honors and Awards:

Fire Service Meritorious Award: Nashua Fire Department, Nashua, NH

September 1990. For saving a life while off duty in their city

Certificate of Appreciation: Hollis Fire Department, Hollis, NH

October 1990. For organizing and running a four community Disaster Drill

Service Award: Kenner Volunteer Fire Co. Inc., Kenner, LA April 1986. For rescue and care rendered of two victims of a motor vehicle accident until arrival of department

Certificate of Appreciation: Summit County Sheriff, Breckenridge CO, May 1986. For assistance and care given to injured Corrections Officer during an escape of an inmate

**Litigation CV available upon request.