

# unified

a sedgwick company



## Northwest Service Center

**Adam D. Farnham, PE, CSP, IAAI-CFI**  
*Senior Forensic Engineer*

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### **EDUCATION:**

University of Maryland  
College Park, Maryland  
Masters of Engineering, Fire Protection

Virginia Tech  
Blacksburg, Virginia  
Bachelor of Science, Engineering Science and Mechanics

### **EMPLOYMENT:**

Unified Investigations & Sciences, Inc.  
Lakewood, Washington  
Senior Forensic Engineer  
August 2016 to Present

Unified Investigations & Sciences, Inc.  
Lakewood, Washington  
Forensic Engineer  
May 2014 to August 2016

Exponent Failure Analysis Associates  
Bellevue, Washington  
Managing Engineer  
June 2011 to May 2014

### **EMPLOYMENT (CONT.):**

GT Engineering  
Redmond, Washington  
Senior Fire Protection Engineer  
2003 to May 2011

Updated: 12/2017

Interface Engineering  
Portland, Oregon  
Fire Protection Team Leader  
2001 to 2003

Chesapeake Engineering and Design  
Annapolis, Maryland  
Investigative Engineer  
1995 to 2001

The PMA Group, Inc. Hunt Valley, Maryland  
Senior Risk Control Consultant  
1994 to 1996

Industrial Risk Insurers  
Hunt Valley, Maryland  
Supervisor, District Loss Prevention  
1989 to 1994

Industrial Risk Insurers  
Hunt Valley, Maryland  
Loss Prevention Associate  
1988 to 1989

**SPECIALIZED TRAINING:**

- OSHA 2 hour Annual Asbestos Awareness Refresher, September, 2017 (tested)
- OSHA 2 hour Annual Asbestos Awareness Refresher, September, 2016 (tested)
- IAAI/NWFI, Electrical Systems and Appliance Failures, Leavenworth, WA, May 2016, 24 hours (tested)
- IAAI/NWFI, Combustion and Fire Dynamics, Leavenworth, WA, May 2015, 32 hours, (tested)
- IAAI Oregon Chapter, Annual Training Conference, Seaside, OR, September 2014, 24 hours, (tested)
- OSHA 8 hours Annual Refresher with Asbestos Awareness, October 2015 (tested)
- Fundamentals of Arctic Engineering, University of Alaska, March 2014, 3 credit hours (tested)
- Hazardous Materials Refresher, ABAG Training Center, 2013, 8 Hours (tested)

- International Association of Arson Investigators and Northwest Fire Investigators Fire Investigation Conference, Leavenworth, Washington, May 2012, 16 hours (tested)
- Hazardous Materials Refresher, ABAG Training Center, May 2012, 8 hours (tested)
- International Association of Arson Investigators and Northwest Fire Investigators Fire Investigation Conference, Leavenworth, Washington, May 2010, 16 hours (tested)
- Hazardous Waste Operations and Emergency Response Training, in accordance with OSHA 29CFR 1910.120, 1926.6, 40 hours (tested)
- Confined Space Entry Training in accordance with OSHA 29 CFR 1910.146, 8 hours (tested)
- Globally Harmonized System of Classification and Labeling of Chemicals, 1.0 hours (tested)
- International Association of Arson Investigators (IAAI) – CFITrainer.net:
  - o NFPA 921 and 1033 2014 Editions: Important Revisions 3 hour, March 27, 2012 (tested)
  - o Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire 4 hour, March 23, 2012 (tested)
  - o Arc Mapping Basics 4 hour, March 23, 2012 (tested)
  - o An Analysis of the Station Nightclub Fire 4 hour, April 2, 2012 (tested)
  - o Documenting the Event 4 hour, April 3, 2012 (tested)
  - o Charleston Sofa Super Store Fire 4 hour, April 3, 2012 (tested)
  - o Digital Photography and the Fire Investigator 4 hour, April 4, 2012 (tested)
  - o Electrical Safety 4 hour, April 16, 2012 (tested)
  - o Writing the Initial Origin and Cause Report 4 hour, April 23, 2012 (tested)
  - o Effective Investigation and Testimony 4 hour, April 23, 2012 (tested)
  - o Explosion Dynamics 4 hour, April 3, 2013, (tested)
  - o Insurance and the Fire Investigation 4 hour, April 3, 2013 (tested)
  - o NFPA1033 and Your Career 2 hour, March 7, 2013 (tested)
  - o Fundamentals of Residential Building Construction 3 hour, April 3, 2013 (tested)

## **PRESENTATIONS:**

- Post-Event Analysis of UL300 Wet Chemical Extinguishing Systems. Washington Zone One Fire Investigation Group, Redmond, WA, November 2017.
- Electrical Effects and Investigation, Oregon Claims Adjusters Association, Wilsonville, OR, April 2016.
- Forensic Evaluations of Liquid Petroleum Gas Systems, Webinar presentation, Unified Investigations & Sciences, Inc., July 30, 2015.
- Farnham, A., Librizzi, C., New Tools for Fire and Explosion Investigations, Property and Liability Research Bureau, Providence, RI, November 2014.
- Post-Event Analysis of UL300 Wet Chemical Extinguishing Systems. Washington State Association of Fire Marshals, Fire Prevention Institute, Chelan, WA, October 2014.
- Use of Engineering in Fraud Detection. Idaho Department of Insurance, 2014 Idaho Fraud Conference, Boise, Idaho, May 21, 2014.
- Fire Science and Investigation. Chevron Fire Chiefs Conference, College Station, Texas, April 10, 2014.
- Fire Science and Investigation. Spokane Adjusters Association, Spokane Washington, February 12, 2014.
- Farnham, A., Wittasek, N. Product Liability—Product Fire Growth and Spread. National Association of Subrogation Professionals, online seminar presentation, April 23, 2013.
- Post-Event Analysis of UL300 Wet Chemical Extinguishing Systems. Washington State Association of Fire Marshals, Fire Prevention Institute, Chelan, WA, 2012.

## **PROFESSIONAL ORGANIZATIONS:**

Society of Fire Protection Engineers, Puget Sound Chapter

National Fire Protection Association

American Society of Safety Engineers

American Society of Heating, Refrigerating, and Air-Conditioning Engineers

International Association of Arson Investigators, Board Member of NW Chapter

National Association of Fire Investigators

**AWARDS:**

Unified Investigations and Sciences, Inc. Summit Award, Spring 2015.

**CERTIFICATIONS:**

Certified Safety Professional, #13767

Registered Professional Fire Protection Engineer, Washington, #37758

Registered Professional Fire Protection Engineer, Delaware, #9990

Registered Professional Fire Protection Engineer, Oregon, #72381PE

Registered Professional Fire Protection Engineer, California, #FP1795

Registered Professional Engineer, Montana #PEL-PE-LIC-37061

Registered Professional Engineer, Idaho #16025

Registered Professional Fire Protection Engineer, Alaska #14362

Registered Professional Engineer, Wyoming #PE15477

Registered Professional Engineer, Colorado #PE.0052293

Registered Professional Engineer, Utah #10598853-2202

Certified Fire and Explosion Investigator (CFEI) in accordance with the National Association of Fire Investigators (NAFI) National Certification Board per NFPA 921, #5349-1607

Certified Fire Investigator (CFI) in accordance with the International Association of Arson Investigators (IAAI), #21-112619

Passed the Professional Engineer Principles and Practice Examination in Fire Protection Engineering

NCEES Council Record File No. 21392

Principal Member: Technical Committee on LP-Gases at Utility Gas Plants (LPU-AAA): NFPA 59: Utility LP-Gas Plant Code, National Fire Protection Association, 2012-present

**COURT QUALIFICATIONS:**

Circuit Court for Baltimore City, Maryland

Circuit Court for Montgomery County, Maryland

United States District Court, Southern District of Florida

Court of Common Pleas, Franklin County, Ohio

Court of Common Pleas, Lehigh County, Pennsylvania

State Circuit Court, Broward County, Florida

Superior Court of New Jersey, Monmouth County

State Circuit Court, Maryland

District Court, Clark County, Nevada

Superior Court of Washington, King County

District Court, Jefferson County, Colorado

US District Court, Western District of Washington, Tacoma, Washington

Superior Court of Washington, Kittitas County

Superior Court of California, Santa Clara County

Superior Court of Washington, Pierce County

United States District Court, Middle District of Florida