

BRET DESH, CFEI

Independent Forensic Investigations Corp.

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CURRENT POSITIONS

Fire Investigator – Independent Forensic Investigations Corporation (IFIC) Feb 2022 to Current

Fire Apparatus Engineer – Papillion Fire Department Mar 2014 to Current

DUTIES AND RESPONSIBILITIES

IFIC – Respond to and investigate fire and explosion incidents, with duties including: Scene examination. Determine area of origin and ignition sequence. Interpret fire damage and fire patterns. Systematic fire debris removal and analysis. Area of origin reconstruction. Inspect building systems for impact on fire ignition and growth. Document scene using photography and video. Create a scene diagram. Aerial photography, video, and orthomosaic mapping using a small unmanned aerial system. Evidence recognition, preservation, and collection. Interview the insured and witnesses. Coordinate any expert resources. Work in conjunction with law enforcement, local fire departments, and other investigators. Prepare written report of investigative findings. Provide accurate, concise courtroom testimony.

Papillion Fire Department – Respond to fire, emergency medical, and rescue calls in the jurisdiction of the Papillion Fire Department. Operate fire apparatus with due regard for safety, and in accordance with state laws and fire department SOG's. Perform daily vehicle inspections and weekly maintenance. Lead company fire and EMS training for station crews. Serve as a Paramedic, providing Advanced Life Support on EMS calls. Stand in as an acting Captain when staffing dictates. Maintain effective working relationships with other city departments, county, state, and federal agencies, the general public, community groups, and organizations. Enhance the quality of life for our community.

INVESTIGATIVE EXPERIENCE

As of March 7th, 2023, I have played a significant role in the following incidents:

| | <u>Cases</u> | <u>Accidental</u> | <u>Incendiary</u> | <u>Undetermined</u> |
|-----------------|--------------|-------------------|-------------------|---------------------|
| Structure Fires | 27 | 16 | 2 | 9 |
| Vehicle Fires | 5 | 5 | 0 | 0 |
| Wildland Fires | 3 | 3 | 0 | 0 |
| Explosions | 1 | 1 | 0 | 0 |

Total Cases Worked – 36 Fatality Investigations – 2

CERTIFICATIONS

Certified Fire and Explosion Investigator – National Association of Fire Investigators
Fire Investigation Technician – International Association of Arson Investigators
Licensed Private Investigator – State of Iowa
Remote Pilot Certificate (Part 107) – Federal Aviation Administration
Paramedic – National Registry of Emergency Medical Technicians
Nebraska State Fire Training:
 Firefighter I
 Firefighter II
 HazMat Operations Level
 Fire Instructor 1
National Incident Management System
 Incident Command System (ICS) Courses: IS100, IS200, IS300, IS700, IS800
Certified Emergency Vehicle Operator (Fire Apparatus) – CEVO3

EDUCATION

Associate of Science Hutchinson Community College – Fire Science May 2009

SPECIALIZED TRAINING

| CFITrainer.net – 101 hours of Tested Training | Date |
|--|-------------|
| Accreditation, Certification, and Certificates | 5/24/2022 |
| An Analysis of The Station Nightclub Fire | 3/31/2022 |
| Arc Mapping Basics | 1/30/2022 |
| Basic Electricity | 3/18/2022 |
| Charleston Sofa Super Store Fire | 5/8/2022 |
| Critical Evaluation and Testing of Commonly Reported | 5/16/2022 |
| Digital Photography and the Fire Investigator | 1/28/2022 |
| Discovery in Civil Cases | 11/15/2022 |
| Documenting the Event | 4/10/2022 |
| Effective Investigation and Testimony | 6/29/2022 |
| Electric & Hybrid Vehicle Fires | 1/28/2022 |
| Ethics and the Fire Investigator | 4/8/2022 |
| Explosion Dynamics | 1/30/2022 |
| Fire Flow Analysis | 2/1/2022 |
| Fire Protection Systems | 2/1/2022 |
| Introduction to Appliances | 1/28/2022 |
| Introduction to Youth-Set Fires | 3/28/2022 |
| Investigating Fire and Explosion Incidents Involving a | 6/13/2022 |
| Investigating Natural Gas Systems | 2/20/2023 |
| Live Event: Insurance and Law Enforcement - September | 9/8/2022 |
| MagneTek: A Case Study In The Daubert Challenge | 1/1/2023 |
| NFPA 1033 & 921: 2022/2021 Editions Important Updates | 7/12/2022 |
| NFPA 1033 and Your Career | 4/9/2022 |
| Postflashover Fires | 4/30/2022 |

| CFITrainer.net (Cont.) | DATE |
|--|-------------|
| Residential Electrical Systems | 1/2/2023 |
| Site Safety Assessment | 11/30/2022 |
| The Deposition Part 1: Format, Content, and Preparation | 6/16/2022 |
| The Deposition Part 2: Questioning Tactics and Effective | 6/16/2022 |
| The Practical Application of the Relationship Between | 4/10/2022 |
| The Scientific Method for Fire and Explosion Investigation | 4/10/2022 |
| Thermometry, Heat, and Heat Transfer | 5/11/2022 |
| Understanding Undetermined | 3/15/2022 |

MEMBERSHIPS

International Association of Arson Investigators – IAAI
 International Association of Arson Investigators, Nebraska Chapter
 National Association of Fire Investigators – NAFI
 Nebraska Society of Fire Service Instructors - NSFSI
 International Association of Fire Fighters – IAFF
 Papillion Professional Firefighters – IAFF AFL-CIO Local 3767

HONORS AND AWARDS

| | |
|---|---------------------------------|
| EMS Life Saving Medal – Papillion Fire Department For saving a life by exercising sound judgement and actions performed at an EMS scene. | July 2 nd , 2015 |
| EMS Life Saving Medal – Papillion Fire Department For saving a life by exercising sound judgement and actions performed at an EMS scene. | June 28 th , 2015 |
| 10 Years Gratuitous Service – Gretna Volunteer Fire Dept. For 10 years of service to the Gretna Community. | March, 2022 |
| City Life Saving Award – La Vista Police Department For prompt actions that undoubtedly saved the life of a man having a cardiac emergency. | February 7 th , 2023 |