



**Unified**  
Investigations & Sciences, Inc.



## **Northeast Service Center**

**Eric Baum, MS, CFEI, CVFI**  
*Field Supervisor*

Springfield, Massachusetts  
413-736-1220  
ebaum@uis-usa.com

### **EDUCATION:**

University of New Haven, West Haven, CT  
Graduated in 2007  
Degree: Master of Science in Fire Science  
Concentration in Fire/Arson Investigation

University of Delaware, Newark, DE  
Graduated in 2004  
Degree: Bachelor of Arts in Criminal Justice

### **EMPLOYMENT:**

Unified Investigations and Sciences, Inc.  
Springfield, Massachusetts  
Field Supervisor  
July 2011 to Present

Unified Investigations and Sciences, Inc.  
Springfield, Massachusetts  
Special Investigator  
January 2008 to July 2011

Manhattan Automatic Sprinkler Corp.  
New York, New York  
Sales Associate and Estimator  
April 2007 to January 2008

**EMPLOYMENT (CON'T):**

New Haven Arson Squad  
New Haven, Connecticut  
Intern Investigator  
September 2006 to January 2007

Garden City Park Fire Department  
Garden City Park, New York  
Firefighter  
November 2004 to December 2008

Maryland State Fire Marshal's Office  
Elkton, Maryland  
Intern  
February 2004 to June 2004

Aetna Hose, Hook & Ladder Company  
Newark, Delaware  
Firefighter  
January 2003 to Present

**SPECIALIZED TRAINING:**

- Ethical Investigation of Insurance Claims “Problems and Issues in Claims Investigations, International Association of Arson Investigators/National Society of Professional Insurance Investigators, 2011, Tested (8 hrs).
- Certified Fire Investigator Instructor, National Association of Fire Investigators, 2010, Tested (8 hrs).
- Advanced Arson for the Insurance Industry, International Association of Arson Investigators and Bureau of Alcohol, Tobacco, Firearms and Explosives, 2009, Tested (41 hrs).
- Vehicle Fire, Arson & Explosion Investigation Science, National Association of Fire Investigators, 2009, Tested (32 hrs).
- Motive, Means & Opportunity: Determining Responsibility in an Arson Case, International Association of Arson Investigators, 2009, Tested (4 hrs).
- Whose Job is it Anyway?: Public vs. Private, MA Chapter – International Association of Arson Investigators, 2008, Tested (8 hrs).
- Fire Dynamics Calculations, International Association of Arson Investigators, 2008, Tested (4 hrs).

## **SPECIALIZED TRAINING (CON'T):**

- Ethics and the Fire Investigator, International Association of Arson Investigators, 2008, Tested (3 hrs).
- Digital Photography and the Fire Investigator, International Association of Arson Investigators, 2008, Tested (4 hrs).
- The Scientific Method for Fire and Explosion Investigation, International Association of Arson Investigators, 2008, Tested (3 hrs).
- Fire Investigator Scene Safety, International Association of Arson Investigators, 2008, Tested (3 hrs).
- An Analysis of the Station Nightclub Fire, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Insurance and the Fire Investigation, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Critical Thinking Solves Cases, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Understanding Fire Through the Candle Experiments, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Investigating Fatal Fires, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Vacant and Abandoned Buildings: Hazards and Solutions, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Managing Complex Fire Scene Investigation, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Physical Evidence at the Fire Scene, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Introduction to Evidence, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Documenting the Event, International Association of Arson Investigators, 2008, Tested (4 hrs).
- Investigating Motor Vehicle Fires, International Association of Arson Investigators, 2008, Tested (4 hrs).

## **SPECIALIZED TRAINING (CON'T):**

- Post Blast Analysis, MA Chapter – International Association of Arson Investigators, 2008, Tested (24 hrs).
- Hearth 101, HPB Education Foundation, 2008, Tested (4.5 hrs).
- GasTech 101, HPB Education Foundation, 2008, Tested (1.5 hrs).
- Why My Wood Isn't Burning, HPB Education Foundation, 2008, Tested (1.5 hrs).
- Fire Officer I, Nassau County Fire Service Academy, 2007, Tested (24 hrs).
- Assistant Fire Inspector, Nassau County Fire Marshal, 2007, Tested (10 hrs).
- Motor Pump Operations, Nassau County Fire Service Academy, 2007, Tested (24 hrs).
- Aerial Equipment Operations, Nassau County Fire Service Academy, 2007, Tested (24 hrs).
- Legal Aspects of Fire & Arson, University of New Haven, 2006, Tested (39 hrs).
- Fire & Building Codes, Standards & Practices, University of New Haven, 2006, Tested (39 hrs).
- Investigating Financial Crimes, University of New Haven, 2006, Tested (39 hrs).
- Fires in Commercial Kitchen Systems, CT Chapter of Arson Investigators, 2006, Untested (8 hrs).
- Clandestine Drug Laboratories, CT Chapter of Arson Investigators, 2006, Untested (8 hrs).
- Arson For Profit, University of New Haven, 2006, Tested (39 hrs).
- Forensic Photography, University of New Haven, 2006, Tested (52 hrs).
- Advanced Crime Scene Investigation, University of New Haven, 2006, Tested (39 hrs).
- Forensic Engineering II, University of New Haven, 2006, Tested (39 hrs).
- Survey of Forensic Science, University of New Haven, 2006, Tested (39 hrs).
- Criminal Procedure, University of New Haven, 2006, Tested (39 hrs).

## **SPECIALIZED TRAINING (CON'T):**

- Dynamics, Evaluation & Prevention of Structure Fires, University of New Haven, 2005, Tested (52 hrs).
- Chemistry of Fires & Explosions, University of New Haven, 2005, Tested (39 hrs).
- Explosion Demonstration, Bureau of Alcohol, Tobacco & Firearms & Connecticut State Police, 2005 (4 hrs).
- Fire Scene Investigation & Analysis, University of New Haven, 2005, Tested (39 hrs).
- Wildfire: Introduction to Fire Behavior/Incident Command System, Delaware State Fire School, 2004, Tested (12 hrs).
- Basic Wildland Firefighting, Delaware State Fire School, 2004, Tested (12 hrs).
- Rope Rescue I, Delaware State Fire School, 2004, Untested (12 hrs).
- Vehicle Rescue I, Delaware State Fire School, 2004, Tested (24 hrs).
- Emergency Vehicle Operations, Delaware State Fire School, 2003, Tested (6 hrs).
- Structural Firefighting Skills, Delaware State Fire School, 2003, Tested (24 hrs).
- Basic Firefighting, Delaware State Fire School, 2003, Tested (24 hrs).

## **PROFESSIONAL ORGANIZATIONS:**

International Association of Arson Investigators (IAAI)

New York Chapter – International Association of Arson Investigators (NY-IAAI)

New Jersey Chapter – International Association of Arson Investigators (NJ-IAAI)

National Society of Professional Insurance Investigators (NSPII)

National Association of Fire Investigators (NAFI)

National Association of Subrogation Professionals (NASP)

**CERTIFICATIONS:**

Certified Fire Investigator Instructor – National Association of Fire Investigators

Certified Vehicle Fire Investigator – National Association of Fire Investigators

Certified Fire & Explosion Investigator – National Association of Fire Investigators

Assistant Fire Inspector - Nassau County Fire Marshal

Fire Officer – Nassau County Fire Service Academy

Motor Pump Operator – Nassau County Fire Service Academy

Aerial Equipment Operator – Nassau County Fire Service Academy

Rope Rescue I – Delaware State Fire School

Structural Firefighter – Delaware State Fire School

Vehicle Rescue I – Delaware State Fire School.