

**Andrew S. Bennett, IAAI-CFI, CFEI, CVFI**

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**Professional Experience**

February 2022 to  
Present

**Envista Forensics**  
*San Diego, California*  
*Assistant Technical Director, Fire & Explosion*

April 2021 to  
February 2022

**Envista Forensics**  
*San Diego, California*  
*Senior Principal Consultant -- Fire & Explosion, Major Loss Practice*

October 2020 to  
April 2021

**Envista Forensics**  
*San Diego, California*  
*Senior Principal Consultant*

April 2020 to  
October 2020

**Envista Forensics**  
*San Diego, California*  
*Principal Consultant*

March 2018  
to April 2020

**Envista Forensics**  
*San Diego, California*  
*Senior Consultant*

May 2012 to  
February 2018

**Rimkus Consulting Group, Inc.**  
*Charlotte, North Carolina*  
*Fire Consultant*

February 2012 to  
February, 2018

**Charlotte Fire Department**  
*Charlotte, North Carolina*  
*Fire Investigator / Accelerant Detection K9 Handler*

August 2006 to  
February 2012

**North Carolina State Bureau of Investigation**  
*Charlotte, North Carolina*  
*Arson Investigator / Accelerant Detection K9 Handler / Insurance Fraud Investigations*

June 2004 to  
August 2006

**Town of Columbus Police Department**  
*Columbus, North Carolina*  
*Police Officer*

June 2000 to  
June 2004

**City of Salisbury Police Department**  
*Salisbury, North Carolina*  
*Police Officer*

February 1999 to  
June 2000

**Reems Creek Fire Department**  
*Weaverville, North Carolina*  
*Firefighter*

### **Fire Scene Experience**

Andrew S. Bennett is the Assistant Technical Director within the Fire & Explosion division at Envista Forensics. As a Fire & Explosion investigator, Mr. Bennett has more than 20 years of experience, conducting over approximately 1600 fire and explosion investigations globally in both the public and private sectors. He has testified as an expert witness in fire and explosion investigations in the course of deposition and trial proceedings. Mr. Bennett's experience encompasses large/complex loss management and investigations that have involved extended duration deployments and team responses. Examples of his large loss fire/explosion investigations include losses involving warehousing facilities, explosions involving natural gas and propane, chemical manufacturing and storage plants, marijuana grow facilities, multi-residential complexes, furniture manufacturing plants, large retail centers, and multiple fatality incidents.

### **Education**

2006

**North Carolina State Bureau of Investigation**  
*Garner, North Carolina*  
*North Carolina Justice Academy*

2001

**Rowan Cabarrus Community College**  
*Salisbury, North Carolina*  
*Basic Law Enforcement Training*

2000

**Mars Hill College**  
*Mars Hill, North Carolina*  
*Bachelor of Arts, Sociology*

### **Training**

March 2001

**Asheville-Buncombe Technical Community College**  
*Asheville, North Carolina*  
*General Firefighting*

*15 Hours*

May 2003	<b>Davidson County Community College</b> <i>Thomasville, North Carolina</i> <i>Live Structural Burn</i>	7 Hours
September 2003	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Law and Administration Code Enforcement</i>	15 Hours
September 2003	<b>Davidson County Community College</b> <i>Thomasville, North Carolina</i> <i>Fire Prevention Standard Inspection, Level I</i>	36 Hours
November 2003	<b>Fire Marshal, State of North Carolina / North Carolina Department of Insurance</b> <i>Wilkes County, North Carolina</i> <i>Fire Arson Detection</i>	12 Hours
November 2003	<b>Wilkes Community College</b> <i>Wilkesboro, North Carolina</i> <i>Fire Arson Detection</i>	12 Hours
January 2004	<b>Fire Marshal, State of North Carolina / North Carolina Department of Insurance</b> <i>Wilmington, North Carolina</i> <i>Advanced Arson Detection</i>	12 Hours
February 2004	<b>Davidson County Community College</b> <i>Thomasville, North Carolina</i> <i>Clandestine Drug Labs and Explosives</i>	12 Hours
May 2005	<b>North Carolina Justice Academy</b> <i>Salemburg, North Carolina</i> <i>Legal Issues of Crime Scene Searches</i>	14 Hours
October 2005	<b>North Carolina Justice Academy</b> <i>Salemburg, North Carolina</i> <i>Police Law Institute</i>	76 Hours
March 2007	<b>International Association of Arson Investigators, Inc.</b> <i>Charlotte, North Carolina</i> <i>Expert Courtroom Testimony Program</i>	20 Hours
March 2007	<b>Johnston Community College / Bureau of Alcohol, Tobacco, Firearms and Explosives</b> <i>Smithfield, North Carolina</i> <i>Post Blast Investigations</i>	32 Hours
May 2007	<b>International Association of Arson Investigators, Inc. – North Carolina Chapter</b> <i>Burlington, North Carolina</i> <i>Advanced Investigative Approaches</i>	32 Hours

August 2007	<p><b>Nash Community College</b>  <i>Rocky Mount, North Carolina</i>  <i>Arson Investigation</i></p>	6 Hours
August 2007	<p><b>Public Agency Training Council (PATC)</b>  <i>High Point, North Carolina</i>  <i>Hands-On Electrical Fire / Arson Investigation</i></p>	21 Hours
October 2007	<p><b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b>  <i>Myrtle Beach, South Carolina</i>  <i>Fire Investigative Approaches</i></p>	32 Hours
November 2007	<p><b>Piedmont Criminal Justice Training</b>  <i>Hamlet, North Carolina</i>  <i>Clandestine Laboratory Safety Certification</i></p>	32 Hours
May 2008	<p><b>International Association of Arson Investigators, Inc. – North Carolina Chapter</b>  <i>Burlington, North Carolina</i>  <i>Advanced Investigative Approaches</i></p>	32 Hours
May 2008	<p><b>International Association of Arson Investigators, Inc. – North Carolina Chapter</b>  <i>Chapel Hill, North Carolina</i>  <i>Basic Fire Investigation</i></p>	32 Hours
June 2008	<p><b>International Association of Arson Investigators, Inc. – North Carolina Chapter</b>  <i>Spring Lake, North Carolina</i>  <i>Advanced Fire Modeling</i></p>	32 Hours
December 2008	<p><b>Catawba Valley Community College</b>  <i>Hickory, North Carolina</i>  <i>Clandestine Drug Lab Recertification</i></p>	16 Hours
May 2009	<p><b>Fire Investigation Training Services, Inc.</b>  <i>Reidsville, North Carolina</i>  <i>Accelerant Detection Canine Team Training</i></p>	64 Hours
October 2009	<p><b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b>  <i>Myrtle Beach, South Carolina</i>  <i>Fire Investigative Approaches</i></p>	32 Hours
October 2009	<p><b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b>  <i>Myrtle Beach, South Carolina</i>  <i>Post Flashover and Ventilation Effects of Fire</i></p>	8 Hours
December 2009	<p><b>Catawba Valley Community College</b>  <i>Hickory, North Carolina</i>  <i>Clandestine Drug Lab Recertification</i></p>	16 Hours

August 2010	<b>United States Bureau of Alcohol, Tobacco, Firearms and Explosives</b> <i>Charlotte, North Carolina</i> <i>Electrical Fire Investigation</i>	16 Hours
October 2010	<b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b> <i>Myrtle Beach, South Carolina</i> <i>Critical Thinking and Analytical Skills for Origin and Cause Determinations</i>	8 Hours
October 2010	<b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b> <i>Myrtle Beach, South Carolina</i> <i>Fire Investigative Approaches</i>	32 Hours
October 2010	<b>North Carolina Justice Academy</b> <i>Edneyville, North Carolina</i> <i>Haz-Mat Instructor Update</i>	24 Hours
November 2010	<b>Catawba Valley Community College</b> <i>Hickory, North Carolina</i> <i>Clandestine Drug Lab Recertification</i>	16 Hours
November 2010	<b>Fire Marshal, State of North Carolina</b> <i>Raleigh, North Carolina</i> <i>Building Construction</i>	4 Hours
November 2010	<b>Fire Marshal, State of North Carolina</b> <i>Raleigh, North Carolina</i> <i>Fire Behavior</i>	4 Hours
September 2011	<b>Advanced Environmental Options, Inc.</b> <i>Garner, North Carolina</i> <i>Clandestine Lab Pack Techniques</i>	16 Hours
September 2011	<b>National Association of Fire Investigators</b> <i>Lexington, Kentucky</i> <i>Vehicle Fire, Arson and Explosion Investigation</i>	32 Hours
April 2012	<b>International Association of Arson Investigators, Inc.</b> <i>Dover, Maryland</i> <i>Annual Training Conference – General Session</i>	36 Hours
April 2012	<b>International Association of Arson Investigators, Inc.</b> <i>Dover, Maryland</i> <i>Annual Training Conference – Problem Solving</i>	38 Hours
June 2012	<b>International Association of Arson Investigators, Inc.</b> <i>Charlotte, North Carolina</i> <i>NFPA 921 / 1033 Revision Review</i>	8 Hours

May 2013	<b>International Association of Arson Investigators, Inc.</b> <i>Orlando, Florida</i> <i>Annual Training Conference</i>	38 Hours
February 2014	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>NFPA 921 / 1033 Revision Review</i>	3 Hours
March 2014	<b>New Mexico Tech / Energetic Materials Research and Testing Center</b> <i>Socorro, New Mexico</i> <i>Incident Response to Terrorist Bombings</i>	32 Hours
July 2014	<b>Eastern Kentucky University</b> <i>Charlotte, North Carolina</i> <i>Fire Behavior Related to Fire Investigation</i>	6 Hours
October 2014	<b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b> <i>Myrtle Beach, South Carolina</i> <i>Fire Investigative Approaches</i>	36 Hours
September 2016	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Investigating Motor Vehicle Fires</i>	4 Hours
October 2016	<b>International Association of Arson Investigators, Inc. – South Carolina Chapter</b> <i>Myrtle Beach, South Carolina</i> <i>Fire Investigative Approaches</i>	36 Hours
February 2017	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Process of Elimination</i>	3 Hours
March 2017	<b>Charlotte Fire Investigation Task Force</b> <i>Charlotte, North Carolina</i> <i>Low Light Photography for Fire Investigation</i>	4 Hours
June 2018	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>Asbestos Awareness Training</i>	1 Hour
July 2018	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>HAZWOPER Training</i>	24 Hours
December 2018	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Basic Electricity</i>	4 Hours

January 2019	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Understanding Fire Through the Candle Experiments</i>	4 Hours
January 2019	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Wildland Fires Investigation</i>	5 Hours
February 2019	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Ethics &amp; Social Media</i>	3 Hours
April 2019	<b>Charlotte Fire Investigation Task Force</b> <i>Charlotte, North Carolina</i> <i>Prevention and Investigation of Commercial Kitchen Fires</i>	16 Hours
June 2019	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>Asbestos Awareness Training</i>	1 Hour
July 2019	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Fire Flow Analysis</i>	3 Hours
August 2019	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Thermometry, Heat, and Heat Transfer</i>	3 Hours
October 2019	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>HAZWOPER Training (Refresher)</i>	8 Hours
December 2019	<b>OSHA Compliant Safety Training</b> <i>360Training.com</i> <i>Confined Space Entry Training</i>	8 Hours
April 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Residential Natural Gas Systems</i>	3 Hours
April 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Managing Complex Fire Scene Investigations</i>	4 Hours
April 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Introduction to Appliances</i>	3 Hours

June 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Fire Protection Systems</i>	3 Hours
June 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Ethics and the Fire Investigator</i>	4 Hours
July 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Preparation for the Marine Fire Scene</i>	4 Hours
August 2020	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Explosion Dynamics</i>	4 Hours
October 2020	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>HAZWOPER Training (Refresher)</i>	8 Hours
April 2021	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Fire Chemistry</i>	3 Hours
April 2021	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Electric &amp; Hybrid Vehicle Design Basics</i>	3 Hours
May 2021	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Electric &amp; Hybrid Vehicle Fires</i>	3 Hours
May 2021	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>The Impact of Ventilation in Building Structures on Fire Development</i>	4 Hours
October 2021	<b>OSHA Compliant Safety Training</b> <i>SafetyUnlimited.com</i> <i>HAZWOPER Training (Refresher)</i>	8 Hours
November 2021	<b>International Association of Arson Investigators, Inc.</b> <i>CFITrainer.net</i> <i>Ethical Duties Beyond the Fire Scene</i>	3 Hours



December 2021	<p><b>International Association of Arson Investigators, Inc.</b>  <i>CFITrainer.net</i>  <i>Investigating Natural Gas Systems</i></p>	3 Hours
January 2022	<p><b>OSHA Compliant Safety Training</b>  <i>SafetyUnlimited.com</i>  <i>Asbestos Awareness Training</i></p>	2 Hours
January 2022	<p><b>International Association of Arson Investigators, Inc.</b>  <i>CFITrainer.net</i>  <i>Photovoltaic Cells &amp; Systems</i></p>	3 Hours
March 2022	<p><b>International Association of Arson Investigators, Inc.</b>  <i>CFITrainer.net</i>  <i>Critical Evaluation and Testing of Commonly Reported Accidental Causes</i></p>	3 Hours
March 2022	<p><b>International Association of Arson Investigators, Inc.</b>  <i>CFITrainer.net</i>  <i>Alternative Fuel Vehicles</i></p>	3 Hours

**Certifications**

**International Association of Arson Investigators**  
*Fire Investigator*  
*Motor Vehicle Fire Endorsement*

**National Association of Fire Investigators**  
*Fire and Explosion Investigator*  
*Vehicle Fire Investigator*

**National Board on Fire Service Professional Qualifications**  
*Fire Investigator*

**Missouri Department of Fire Safety**  
*Certified Fire Investigator (1033-2014)*

**Global Wind Organization (GWO)**

*Working at Heights Training Program*

**Actionable Insights**

*Matterport Certified*

**Remote Pilot In Command (RPIC), UAS/Drone Inspections and Photography**

*Federal Aviation Administration (FAA) Certificate Number 4451473*

**Professional Organizations**

**International Association of Arson Investigators, Inc.**

**National Association of Fire Investigators**

**International Association of Marine Investigators**

**Licenses (Private Investigator)**

**Arizona**

**Missouri**

**New Mexico**

**Nevada**

**Oregon**

**Texas**

**Washington**

**Individual Licenses (Private Investigator) Not Required**

**California (Work under Agency License)**

**Colorado**

**Idaho**

**Mississippi**

**South Dakota**

**Teaching Experience**

**Isothermal Community College**

*Spindale, North Carolina*

February 2007

*Hazardous Materials for Law Enforcement*

May 2007

**Gaston College**

*Dallas, North Carolina*

*Fire Cause and Determination*

November 2007	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Arson Detection for the First Responder</i>
February 2008	<b>Isothermal Community College</b> <i>Spindale, North Carolina</i> <i>Hazardous Materials for Law Enforcement</i>
February 2008	<b>North Carolina State Bureau of Investigation</b> <i>Salemburg, North Carolina</i> <i>Arson Investigation</i>
May 2008	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Fire Scene Preservation</i>
September 2008	<b>American Academy of Applied Forensic Science</b> <i>Charlotte, North Carolina</i> <i>Basic Fire Investigation</i>
November 2008	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Arson Detection for the First Responder</i>
February 2009	<b>American Academy of Applied Forensic Science</b> <i>Charlotte, North Carolina</i> <i>Basic Fire Investigation</i>
June 2009	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Basic Fire Investigation</i>
November 2009	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Arson Detection for the First Responder</i>
April 2010	<b>North Carolina State Bureau of Investigation</b> <i>Salemburg, North Carolina</i> <i>Arson Investigation</i>
August 2010	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Fire Cause and Determination</i>
September 2010	<b>North Carolina State Bureau of Investigation</b> <i>Salemburg, North Carolina</i> <i>Fire Investigation</i>
November 2010	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Arson Detection for the First Responder</i>

November 2010	<b>North Carolina State Bureau of Investigation / Stanly County Community College</b> <i>Albemarle, North Carolina</i> <i>Intermediate Fire Investigation</i>
March 2012	<b>University of North Carolina</b> <i>Charlotte, North Carolina</i> <i>Clothing and Fabric Fires</i>
April 2011	<b>American Academy of Applied Forensic Science</b> <i>Charlotte, North Carolina</i> <i>Basic Fire Investigation</i>
November 2011	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Arson Detection for the First Responder</i>
April 2012	<b>University of North Carolina</b> <i>Charlotte, North Carolina</i> <i>Fire Related Deaths and Injuries</i>
Spring 2015	<b>Cleveland County Community College</b> <i>Shelby, North Carolina</i> <i>Detection and Investigation FIB-128</i>
April 2016	<b>North Carolina Office of the Fire Marshal</b> <i>Gaston, North Carolina</i> <i>Live Burns</i>
December 2016 January 2017	<b>North Carolina Office of the Fire Marshal</b> <i>Asheville, North Carolina</i> <i>Fire Patterns and Live Burns</i>
May 2017	<b>North Carolina Office of the Fire Marshal</b> <i>Asheboro, North Carolina</i> <i>Fire Patterns and Live Burns</i>