



CURRICULUM VITAE  
Chad M. Mullen, IAAI-CFI & ECT  
Bakersfield Fire Department  
&  
Pierce Fire Investigations Inc.  
January 2, 2024

Post ID C42-H28  
California PI License #189613

### **CURRENT POSITION**

Captain-Arson/Fire Investigations for the Bakersfield Fire Department

### **DUTIES AND RESPONSIBILITIES**

Investigate fires accidental and incendiary in nature.  
Conduct pre-employment background investigations.  
Conduct personnel internal affairs investigations.  
Instructor for the Juvenile Fire Setter Program

### **FIRE SERVICE EMPLOYMENT HISTORY**

Bureau of Land Management	1996 & 1997 Fire Seasons
Bakersfield Fire Department	February 28, 2000-Present
Fire Captain	December 28, 2010-Present
Arson Captain	October 21, 2013-Present
Pierce Fire Investigations	October 31, 2023-Present
Fire Engineer	July 20, 2005
Firefighter	February 28, 2000

### **INVESTIGATIVE EXPERIENCE**

I have investigated the origin and cause of 1,913 fires since October 21, 2013. I have been the lead investigator on 1,680 of those fires.

### **BACKGROUND INVESTIGATIONS**

Since October 21, 2013, I have conducted 111 pre-employment background investigations for Firefighter, Fire Dispatcher, Fire Prevention Officer, and Reserve Firefighter positions.

### **INTERNAL AFFAIRS INVESTIGATIONS**

Since October 21, 2013, I have conducted 8 internal affairs investigations for the Bakersfield Fire Department.

### **ARSON UNIT INVESTIGATION EXPERIENCE**

Type of fire	Incendiary	Accidental	Undetermined
Structure.....	644	275	150
Vehicle.....	211	112	65
Wildland & Miscellaneous Outside Fires...	387	39	30
<b>SUMMARY</b>	<b>1,242</b>	<b>426</b>	<b>245</b>

Fatal Fires Investigated..... 10

Arrest	Felony	Misdemeanor
Adult	122	169
Juvenile	14	5

**TOTAL ARRESTS: 310**

### **PIERCE FIRE INVESTIGATION EXPERIENCE**

Type of fire	Incendiary	Accidental	Undetermined
Structure.....	0	3	0
Vehicle.....	0	0	0
Wildland & Miscellaneous Outside Fires...	0	0	1
<b>SUMMARY</b>	<b>0</b>	<b>3</b>	<b>1</b>

### **EDUCATION**

Bakersfield High School Graduate (1995)

Associate in Science Degree in Fire Technology, Bakersfield College (2006)

Fire Technology Certificate, Bakersfield College (2006)

### **VOCATIONAL CERTIFICATES**

Firefighter 1, California Fire Service Training and Education System (1999)

Firefighter 2, California Fire Service Training and Education System (2002)

Fire Officer, California Fire Service Training and Education System (2007)

P.O.S.T Background Investigator (32 Hours) (2012)

Chief Officer, California Fire Service Training and Education System (2013)

P.O.S.T. PC 832 “Arrest” (40 Hours) and “Firearms” (24 Hours) (2013)

Fire Investigator 1, California Fire Service Training and Education System (2014)

Fire Investigator 2, California Fire Service Training and Education System (2017)

P.O.S.T Certified Internal Affairs (24 Hours), California State University, Long Beach (2019)

International Association of Arson Investigators-Certified Fire Investigator (IAAI-CFI) (2021)

### **VOCATIONAL CERTIFICATES**

International Association of Arson Investigators-Certified Evidence Collection Technician (IAAI-ECT) (2021)

### **CERTIFICATED TRAINING**

32 hours, P.O.S.T Background Investigations, State Center Regional Training Facility at Fresno City College  
November 8, 2012

4 hours, Introduction to Evidence, International Association of Arson Investigators, CFITrainer.net  
September 5, 2013

3 hours, Writing the Initial Origin and Cause Report, International Association of Arson Investigators, CFITrainer.net  
September 22, 2013

4 hours, Documenting the Event, International Association of Arson Investigators, CFITrainer.net  
September 25, 2013

4 hours, Physical Evidence at the Fire Scene, International Association of Arson Investigators, CFITrainer.net  
November 22, 2013

4 hours, Investigating Motor Vehicle Fires, International Association of Arson Investigators, CFITrainer.net  
November 25, 2013

4 hours, Arc Mapping Basics, International Association of Arson Investigators, CFITrainer.net  
December 17, 2013

4 hours, Fundamentals of Interviewing, International Association of Arson Investigators, CFITrainer.net  
December 18, 2013

## **CERTIFICATED TRAINING**

4 hours, An Analysis of the Station Nightclub Fire, International Association of Arson Investigators, CFITrainer.net  
December 27, 2013

4 hours, Charleston Sofa Super Store Fire, International Association of Arson Investigators, CFITrainer.net  
December 30, 2013

4 hours, Investigating Fatal Fires, International Association of Arson Investigators, CFITrainer.net January 8, 2014

4 hours, Critical Thinking Solves Cases, International Association of Arson Investigators, CFITrainer.net  
January 21, 2014

4 hours, Vacant and Abandoned Buildings: Hazards and Solutions, International Association of Arson Investigators, CFITrainer.net  
February 3, 2014

4 hours, Basic Electricity, International Association of Arson Investigators, CFITrainer.net  
March 5, 2014

3 hours, Process of Elimination, International Association of Arson Investigators, CFITrainer.net  
August 27, 2014

8 hours, Explosive Threat Assessment for the Fire/Rescue Service, California Conference Arson Investigators  
May 10, 2014

Certificate to Roll Fingerprints, State of California Office of the Attorney General Department of Justice  
July 30, 2014

Certificate; Less Than Full Access Operator, State of California Office of the Attorney General, Department of Justice  
June 5, 2017

24 hours, Active Threat Integrated Response Course (ATIRC) Performance Level, LSU/National Center for Biomedical Research and Training (NCBRT)  
August 17, 2017

3 hours, Discovery in Civil Cases, International Association of Arson Investigators, CFITrainer.net  
December 2, 2017

## **CERTIFICATED TRAINING**

4 hours, Managing Complex Fire Scene Investigations, International Association of Arson Investigators, CFITrainer.net  
December 2, 2017

3 hours, The Scientific Method for Fire and Explosion Investigation, International Association of Arson Investigators, CFITrainer.net  
December 5, 2017

5 hours, Wildland Fires Investigation, International Association of Arson Investigators, CFITrainer.net  
December 6, 2017

4 hours, Motive, Means and Opportunity: Determining Responsibility in an Arson Case, International Association of Arson Investigators, CFITrainer.net  
December 8, 2017

4 hours, Insurance and the Fire Investigation, International Association of Arson Investigators, CFITrainer.net  
December 17, 2017

3 hours, Discovery in Criminal Cases, International Association of Arson Investigators, CFITrainer.net  
February 23, 2018

3 hours, The Deposition Part 1: Format, Content and Preparation, International Association of Arson Investigators, CFITrainer.net  
November 14, 2018

3 hours, The Deposition Part 2: Questioning Tactics and Effective Responses, International Association of Arson Investigators, CFITrainer.net  
November 21, 2018

3 hours, Understanding Undetermined. International Association of Arson Investigators, CFITrainer.net  
December 6, 2018

3 hours, What the Insurance Professional Needs to Know About Fire Investigation, International Association of Arson Investigators, CFITrainer.net  
February 11, 2019

4 hours, Digital Photography and the Fire Investigator, International Association of Arson Investigators, CFITrainer.net  
February 13, 2019

## **CERTIFICATED TRAINING**

4 hours, Explosion Dynamics, International Association of Arson Investigators, CFITrainer.net  
March 5, 2019

3 hours, Accreditation, Certification and Certificates, International Association of Arson Investigators, CFITrainer.net  
March 12, 2019

3 hours, Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, CFITrainer.net  
May 6, 2019

3 hours, Critical Evaluation and Testing of Commonly Reported Accidental Causes, CFITrainer.net  
July 15, 2019

3 hours, Effective Investigation and Testimony, CFITrainer.net  
August 13, 2019

3 hours, Charting Your Career Path in Fire Investigation, CFITrainer.net  
October 21, 2019

3 hours, Motor Vehicles: The Engine and the Ignition, Electrical and Fuel System, CFITrainer.net  
October 21, 2019

3 hours, Introduction to Youth-Set Fires, CFITrainer.net  
October 21, 2019

3 hours, Legal Aspects of Investigating Youth-Set Fires, CFITrainer.net  
October 22, 2019

3 hours, Fire Flow Analysis, CFITrainer.net  
November 1, 2019

2 hours, How First Responders Impact the Fire Investigation, CFITrainer.net  
November 1, 2019

24 hours, Post Certified Internal Affairs, California State University, Long Beach  
November 4<sup>th</sup>-6<sup>th</sup>, 2019 (Control #5270-32100-19004)

3 hours, Fire Investigations for Fire Officers, CFITrainer.net  
November 8, 2019

## **CERTIFICATED TRAINING**

3 hours, Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems, CFITrainer.net  
November 8, 2019

3 hours, Ethics, and the Fire Investigator, CFITrainer.net  
November 8, 2019

3 hours, Fire Investigator Scene Safety, CFITrainer.net  
November 12, 2019

41 hours, Fire Investigation for Fire Officers Multi-Program, CFITrainer.net  
November 12, 2019

3 hours, Fire Chemistry, CFITrainer.net  
December 6, 2019

2 hours, NFPA 1033 and Your Career, CFITrainer.net  
February 25, 2020

4 hours, Residential Electrical Systems, CFITrainer.net  
February 25, 2020

3 hours, Residential Natural Gas Systems, CFITrainer.net  
February 26, 2020

67 hours, Principles of Fire Investigation Multi-Program, CFITrainer.net  
February 26, 2020

Communicating the Value of Membership in the IAAI, CFITrainer.net  
March 30, 2020

3 hours, DNA, CFITrainer.net  
April 16, 2020

3 hours, Electrical Safety, CFITrainer.net  
April 17, 2020

3 hours, Ethical Duties Beyond the Fire Scene, CFITrainer.net  
April 17, 2020

3 hours, Ethics & Social Media, CFITrainer.net  
April 21, 2020

4 hours, Evidence Examination: What Happens at the Lab, CFITrainer.net  
April 22, 2020

## **CERTIFICATED TRAINING**

3 hours, Introduction to Appliances, CFITrainer.net  
July 31, 2020

4 hours, The Impact of Ventilation in Building Structures on Fire Development, CFITrainer.net  
August 19, 2020

3 hours, Fundamentals of Residential Building Construction, CFITrainer.net  
September 28, 2020

2 hours, Magne Tek: A Case Study in the Daubert Challenge, CFITrainer.net  
September 29, 2020

4 hours, Post Flashover Fires, CFITrainer.net  
October 1, 2020

4 hours, Search and Seizure, CFITrainer.net  
October 7, 2020

3 hours, Emerging Technologies in Fire Investigations, CFITrainer.net  
December 7, 2020

4 hours, Fire Dynamics Calculations-Version 2.0, CFITrainer.net  
February 4, 2021

2 hours, Giving Stronger Deposition and Trial Testimony, CFITrainer.net  
February 19, 2021

28 hours, California Conference of Arson Investigators (CCAI), February Training Seminar,  
February 22-25, 2021

2 hours, Using Resources to Validate your Hypothesis, CFITrainer.net  
March 11, 2021

2 hours, Introduction to Fire Dynamics and Modeling, CFITrainer.net  
March 16, 2021

2 hours, The Practical Application of the Relationship Between NFPA 1033 and NFPA 921,  
CFITrainer.net  
April 26, 2021

40 hours, Forensic Fire Death Investigation, San Luis Obispo Fire Investigation Strike Team  
(SLOFIST)  
June 21-25, 2021



## **CERTIFICATED TRAINING**

28 hours, Explosions and their Investigation, California Conference of Arson Investigators  
September 27-30, 2021

3 hours, Electric & Hybrid Vehicle Design Basics, CFITrainer.net  
December 14, 2021

4 hours, Understanding Fire Through the Candle Experiments, CFITrainer.net  
May 4, 2022

3 hours, Electric & Hybrid Vehicle Fires, CFITrainer.net  
December 15, 2021

1 hour, Lithium-Ion Battery Fires, CFITrainer.net  
January 5, 2022

40 hours, Behavior Analysis Investigative Interview & Interrogation Techniques, Behavioral  
Analysis Training, Inc.  
January 10-14, 2022

3 hours, Photovoltaic Cells & Systems, CFITrainer.net  
March 22, 2022

4 hours, Understanding Fire Through the Candle Experiments, CFITrainer.net  
May 4, 2022

2 hours, Insurance and Law Enforcement, CFITrainer.net  
September 8, 2022

3 hours, NFPA 1033 & 921: 2021/2022 Editions Important Updates, CFITrainer.net  
October 24, 2022

3 hours, Fire Protection Systems, CFITrainer.net  
November 9, 2022

3 hours, Investigating Natural Gas Systems, CFITrainer.net  
November 15, 2022

3 hours, Fire Effects Part 1: Heat Effects on Fuels, CFITrainer.net  
August 16, 2023

3 hours, Fire Effects Part 2: Combustion By-Products Effects, CFITrainer.net  
August 17, 2023

2 hours, A Plaintiff & Defense Perspective, CFITrainer.net  
September 14, 2023

## **CERTIFICATED TRAINING**

3 hours, Thermometry, Heat and Heat Transfer, CFITrainer.net  
September 20, 2023

3 hours, Alternative Fuel Vehicles, CFITrainer.net  
September 22, 2023

28 hours, Lithium Ion/Battery Fires, California Conference of Arson Investigators  
October 16-19, 2023

3 hours, Site Safety Assessment, CFITrainer.net  
December 7, 2023

3 hours, Fire Dynamics in the Wildland, CFITrainer.net  
December 15, 2023

4 hours, HAZWOPER, CFITrainer.net  
December 15, 2023

3 hours, Donning & Doffing Personal Protective Equipment, CFITrainer.net  
December 28, 2023

## **MEMBERSHIPS**

California Professional Firefighters  
International Association of Firefighters  
California Conference of Arson Investigators  
Central Valley Arson Investigators Association  
International Association of Arson Investigators  
California Background Investigators Association  
California Association of Licensed Investigators